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(*)Number   H.VVC and ISO/IEC 23090-3

(*)Title   Versatile Video Coding

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No.	Status [granted/pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	pending	JP	2021-559969	PARAMETER DERIVATION IN CROSS COMPONENT MODE
2	granted	CN	201980076377.6	PULSE CODEC MODULATION IN VIDEO PROCESSING
3	granted	CN	202080066216.1	CHROMA DE-SQUARING METHOD IN VIDEO CODECS
4	pending	IN	202227067082	HANDLING OF CODED VIDEO IN SUB-BITSTREAM EXTRACTION PROCESS
5	granted	CN	201980072548.8	POSITION-BASED INTRA-FRAME PREDICTION
6	granted	CN	202080059009.3	SIGNALING NOTIFICATION FOR CHANGEOVER SKIP MODE
7	granted	CN	201910901060.3	MULTIPLE ASSUMPTIONS FOR AFFINE MODELING
8	pending	VN	1-2022-00164	METHOD AND APPARATUS OF PROCESSING VIDEO DATA, AND COMPUTER-READABLE STORAGE MEDIUM
9	pending	IN	202247071723	HANDLING OF SUPPLEMENTAL ENHANCEMENT INFORMATION IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
10	pending	KR	10-2021-7036613	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
11	granted	ZA	2021/06352	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
12	granted	US	17/849,232	PROFILE TIER LEVEL PARAMETER SET IN VIDEO CODING
13	pending	IN	202247047807	SLICE AND TILE PARTITIONING IN VIDEO CODING
14	pending	US	17/848,535	CROSS-COMPONENT PREDICTION WITH MULTIPLE-PARAMETER MODEL
15	pending	EP	20854699.4	USAGE OF DEFAULT AND USER-DEFINED SCALING MATRICES
16	pending	CN	202311458374.3	METHODS, APPARATUS AND SYSTEMS FOR DIGITAL VIDEO CODING AND DECODING
17	granted	US	17/317,452	INTER PREDICTION WITH REFINEMENT IN VIDEO PROCESSING

Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE))

18	pending	CN	202311463066.X	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODING AND DECODING MODULATION REPRESENTATION FOR CODED VIDEO
19	granted	US	16/820,542	MVD PRECISION FOR AFFINE
20	pending	IN	202247071904	PICTURE HEADER CONSTRAINTS FOR MULTI-LAYER VIDEO CODING
21	pending	JP	2022-525482	SIGNALING OF CROSS-COMPONENT ADAPTIVE LOOP FILTER
22	granted	SG	11202114123Y	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
23	pending	JP	2023-070317	MULTIPLE SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
24	pending	JP	2023-061089	EXTENDED APPLICATION OF COMBINED INTRA-INTER PREDICTION
25	pending	CN	201980085389.5	A TWO-STEP CROSS-COMPONENT PREDICTION MODEL BASED ON MULTIPLE PARAMETERS
26	pending	US	17/977,433	BLOCK DIMENSION SETTINGS OF TRANSFORM SKIP MODE
27	granted	ZA	2021/07294	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
28	granted	US	17/405,179	DECODER SIDE MOTION VECTOR DERIVATION
29	granted	CN	202080032754.9	INTRA-FRAME CODEC VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODEC MODULATION CODECS
30	pending	ID	P00202107567	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
31	granted	CN	202080023706.3	DEFAULT INTRA-RING SHAPING PARAMETERS
32	pending	EP	21783962.0	MINIMUM ALLOWED QUANTIZATION FOR TRANSFORM SKIP BLOCKS IN VIDEO CODING
33	granted	MX	MX/A/2021/012472	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
34	pending	VN	1-2021-02322	VIDEO PROCESSING METHOD AND APPARATUS AND NON-TRANSITORY COMPUTER READABLE MEDIA
35	pending	EP	21813265.2	USING SUBPICTURES AND TILES IN VIDEO CODING
36	pending	SG	11202204638P	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING
37	pending	KR	10-2021-7033758	INTRA VIDEO CODING USING MULTIPLE REFERENCE FILTERS

38	pending	IN	202247013831	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
39	granted	JP	2021-555615	RESTRICTIONS ON ADAPTIVE-LOOP FILTERING PARAMETER SETS
40	pending	CN	202180023235.0	USING NEIGHBORING SAMPLE POINTS IN CROSS-COMPONENT VIDEO CODING AND DECODING
41	granted	US	17/466,188	CONDITIONS IN PARAMETER DERIVATION FOR INTRA PREDICTION
42	granted	US	17/154,680	SIMPLIFICATION OF COMBINED INTER-INTRA PREDICTION
43	pending	CN	202311388776.0	PATTERN DETERMINATION FOR PALETTE MODE CODECS
44	pending	JP	2023-202894	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
45	pending	JP	2022-556155	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
46	pending	AR	20210100213	INFERENCING WEIGHT VALUES FOR VIDEO COMPONENTS IN A BITSTREAM
47	granted	US	17/701,224	PADDING PROCESS IN ADAPTIVE LOOP FILTERING
48	pending	CN	202180016194.2	INDICATION OF THE PIECE IN THE VIDEO PICTURE
49	pending	CN	202311244758.5	METHODS, APPARATUS AND SYSTEMS FOR VIDEO PROCESSING
50	pending	CN	202311507470.2	MODELING THE CONTEXT OF EDGE INFORMATION FOR REDUCED QUADRATIC TRANSFORMS IN VIDEO
51	pending	EP	21787549.1	SYNTAX FOR SIGNALING CROSS-COMPONENT VIDEO CODING
52	pending	JP	2021-577192	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
53	pending	JP	2022-521586	PREDICTION TYPE SIGNALING IN VIDEO CODING
54	pending	KR	10-2023-7042214	CONTEXT-BASED INTRA PREDICTION
55	granted	US	17/519,365	SIGNALING FOR REFERENCE PICTURE RESAMPLING
56	pending	CN	202180028464.1	GENERALIZED CONSTRAINT INFORMATION IN VIDEO CODECS
57	pending	CN	202311308556.2	POSITION-DEPENDENT IN-FRAME PREDICTION SAMPLE FILTERING
58	pending	US	18/518,094	INDICATION OF END OF SEQUENCE IN CODED VIDEO
59	granted	AU	2020309663	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING

60	pending	US	17/321,802	SUB-BLOCK BASED MOTION CANDIDATE SELECTION AND SIGNALING
61	granted	US	17/968,553	USE RESTRICTIONS FOR CROSS-COMPONENT PREDICTION
62	pending	CN	202180028190.6	INSTANTANEOUS DECODING OF CODECS FOR REFRESHING SUBIMAGES
63	pending	VN	1-2022-03681	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
64	pending	CN	202180016121.3	STRIP SEGMENTATION AND SLICE SEGMENTATION IN VIDEO CODECS
65	pending	JP	2023-180083	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
66	pending	IN	202227016267	SETTING INTRA-BLOCK COPY VIRTUAL BUFFER BASED ON VIRTUAL PIPELINE DATA UNIT
67	pending	KR	10-2021-7013777	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
68	pending	IN	202227001583	INDICATION OF ADAPTIVE LOOP FILTERING IN ADAPTATION PARAMETER SET
69	pending	EP	23213886.7	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
70	pending	CN	202080090814.2	DECODING PARAMETER SETS IN VIDEO CODECS
71	granted	CN	201910583215.3	BOUNDARY FILTERING OF SUB-BLOCKS
72	pending	BR	BR112021021661-8	CONDITIONS FOR APPLICABILITY OF CROSS-COMPONENT CODING
73	granted	US	17/183,738	MULTI-MOTION MODEL BASED VIDEO CODING AND DECODING
74	pending	CA	3127136	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
75	pending	JP	2022-563487	TRANSFORM SKIP RESIDUAL CODING
76	pending	JP	2023-202298	SIZE RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
77	pending	US	17/886,104	COLLOCATED PICTURE INDICATION IN VIDEO BITSTREAMS
78	granted	TW	108123094	RESTRICTION OF MERGE CANDIDATES DERIVATION
79	granted	US	17/684,694	VIDEO REGION PARTITION BASED ON COLOR FORMAT
80	granted	JP	2021-559285	INTERACTION BETWEEN MATRIX-BASED INTRA PREDICTION AND OTHER CODING TOOLS
81	pending	CN	202080023944.4	DERIVATION OF CONVERTED ONE-WAY PREDICTION CANDIDATES

82	granted	CN	201910804129.0	BINARIZATION OF SPLITS ASSOCIATED WITH EXTENDED QUADTREES
83	pending	CN	201980005114.6	A BANDWIDTH CONTROL METHOD FOR AFFINE PREDICTION
84	granted	CN	201980005115.0	REFERENCE SIZE FOR INTER-FRAME PREDICTIVE INTERPOLATION
85	pending	CN	202080009022.8	COORDINATION BETWEEN DIFFERENT VIDEO PROCESSING MODES
86	pending	US	17/977,565	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
87	granted	TW	108127810	MVD PRECISION FOR AFFINE
88	pending	JP	2023-199529	PROFILE TIER LEVEL PARAMETER SET IN VIDEO CODING
89	granted	KR	10-2021-7013776	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
90	pending	KR	10-2022-7043286	HANDLING OF SUPPLEMENTAL ENHANCEMENT INFORMATION IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
91	pending	CN	202311455502.9	CONDITIONAL USE OF SIMPLIFIED QUADRATIC TRANSFORMS FOR VIDEO PROCESSING
92	granted	US	17/732,777	SIGNALING OF CROSS-COMPONENT ADAPTIVE LOOP FILTER
93	pending	BR	BR112022001305-1	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
94	pending	US	17/866,036	CONTEXT CODING FOR TRANSFORM SKIP MODE
95	pending	EP	21753627.5	USE OF GENERAL CONSTRAINT FLAGS IN VIDEO BITSTREAMS
96	pending	CN	202180038101.6	USING SUBPICTURES AND SLICES IN VIDEO CODECS
97	pending	US	17/852,143	IMPLEMENTATION ASPECTS IN INTRA BLOCK COPY IN VIDEO CODING
98	pending	CN	202180016670.0	SEGMENTATION CALCULATION BASED ON SUB-IMAGE LEVEL
99	pending	SG	11202253280F	ORDER RELATIONSHIP BETWEEN SUBPICTURES
100	granted	CN	202080031677.5	MATRIX-BASED CONTEXTUAL CODING FOR INTRA-FRAME PREDICTION
101	granted	AU	2019391197	CONTEXT-BASED INTRA PREDICTION
102	pending	CN	201980072654.6	VIDEO PROCESSING WITH FINE-GRAINED INTER-FRAME PREDICTION
103	pending	EP	19762856.3	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
104	pending	CN	202080082778.5	PALETTE CODEC MODE

105	pending	KR	10-2021-7033198	CONTEXT MODELING AND SELECTION OF MULTIPLE TRANSFORM MATRIX
106	pending	JP	2023-202345	USING SUBPICTURES AND TILES IN VIDEO CODING
107	granted	CN	202080055805.X	VIDEO ENCODING AND DECODING USING ON-SCREEN CONTENT ENCODING TOOLS
108	granted	CN	201910586572.5	UPDATING THE CONDITIONS OF A LOOKUP TABLE (LUT)
109	pending	MY	PI2021005977	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
110	granted	US	17/901,270	LOW FREQUENCY NON-SEPARABLE TRANSFORM SIGNALING IN VIDEO CODING
111	pending	TH	2101006489	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
112	pending	BR	BR112022023360-4	NUMBER RESTRICTION FOR SUBLAYERS
113	pending	PH	1-2021-552534	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
114	pending	ID	P00202200477	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
115	pending	CN	202080064524.0	CHROMATICITY QUANTIZATION PARAMETERS IN VIDEO CODECS
116	granted	JP	2022-539111	PROFILE TIER LEVEL PARAMETER SET IN VIDEO CODING
117	pending	RU	2022102115	SIZE RESTRICTION BASED ON COLOR FORMAT
118	pending	CN	202180037282.0	SEI MESSAGE PROCESSING DURING VIDEO SUB-BITSTREAM EXTRACTION
119	granted	JP	2022-520358	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM
120	granted	CN	201980085391.2	TWO-STEP CROSS-COMPONENT PREDICTION MODEL
121	pending	KR	10-2022-7002777	POSITION-BASED COEFFICIENTS SCALING
122	granted	US	17/479,338	CONTEXT CODING FOR MATRIX-BASED INTRA PREDICTION
123	pending	EP	20798668.8	INTRA CODED VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODING
124	pending	SG	11202261483Q	SIGNALING OF QUANTIZATION INFORMATION IN CODED VIDEO
125	pending	CN	202311457029.8	MATRIX DERIVATION IN INTRA-FRAME CODEC MODE
126	granted	CN	201910586798.5	WHICH LOOKUP TABLE NEEDS TO BE UPDATED OR NOT

127	granted	CN	201910498106.1	VIDEO PROCESSING METHODS, APPARATUS AND COMPUTER-READABLE RECORDING MEDIA
128	pending	EP	21808251.9	SIGNALLING OF GENERAL CONSTRAINS FLAG
129	pending	US	18/520,226	GENERAL CONSTRAINT INFORMATION IN VIDEO CODING
130	granted	US	17/582,351	SIZE RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
131	pending	CN	202080013766.7	COMPLEXITY-REDUCED DERIVATION OF DECODER-SIDE MOTION
132	pending	VN	1-2022-06038	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
133	granted	KR	10-2022-7036045	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
134	pending	PH	1-2021-552260	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
135	pending	TH	2101006400	PARAMETER DERIVATION IN CROSS COMPONENT MODE
136	pending	BR	BR112021016235-6	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
137	pending	CN	202210864671.7	SUBBLOCK MOTION VECTOR INHERITANCE BETWEEN COLOR COMPONENTS
138	pending	IN	202247015422	SCALING WINDOW IN VIDEO CODING
139	pending	CN	202080009210.0	WEIGHTED PREDICTION IN VIDEO CODECS
140	pending	CN	202080016214.1	LOOP FILTERING IN VIDEO PROCESSING
141	pending	US	17/694,008	QUANTIZATION PARAMETER OFFSET FOR CHROMA DEBLOCKING FILTERING
142	pending	TH	2001007511	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
143	granted	CN	202080019119.7	SIZE-DEPENDENT INTERFRAME CODING AND DECODING
144	granted	CN	202080066093.1	DERIVATION OF REFERENCE SAMPLE POINT LOCATIONS IN VIDEO CODECS
145	granted	US	17/150,146	CROSS-COMPONENT IPM DERIVATION
146	granted	JP	2022-520782	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
147	pending	CN	202311628354.6	HANDLING OF FILLER DATA UNITS IN VIDEO STREAMS
148	pending	IN	202227011832	VIDEO REGION PARTITION BASED ON COLOR FORMAT
149	granted	US	17/406,284	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
150	pending	CN	202311518439.9	SIMPLIFICATION OF COMBINED INTERFRAME-INTRAFRAME PREDICTION

151	granted	CN	202080057498.9	POSITION-DEPENDENT IN-FRAME PREDICTION SAMPLE FILTERING
152	pending	JP	2023-207153	SIGNALING OF CHROMA RESIDUAL SCALING
153	pending	JP	2022-570204	SIGNALING OF GRADUAL DECODING REFRESH AND REFERENCE PICTURE LISTS
154	granted	CN	201910544642.0	UNIFORM CONSTRAINTS FOR MERGE AFFINE AND NON-MERGE AFFINE MODES
155	pending	KR	10-2021-7043338	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
156	granted	US	17/221,093	HARMONIZED LOCAL ILLUMINATION COMPENSATION AND MODIFIED INTER PREDICTION CODING
157	pending	IN	202227054080	COMBINATION OF SUBPICTURES AND SCALABILITY
158	pending	VN	1-2021-06684	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-TRANSITORY COMPUTER-READABLE MEDIUM?
159	granted	TW	108119608	MAIN CONCEPT OF EQT, UNEQUALLY FOUR PARTITIONS AND SIGNALING
160	pending	VN	1-2021-03121	CONTEXT-BASED INTRA PREDICTION
161	pending	CN	202311722904.0	METHODS OF VIDEO PROCESSING
162	pending	CN	202311358194.8	TRANSFORM BYPASS CODEC RESIDUAL BLOCKS IN DIGITAL VIDEO
163	pending	EP	19881776.9	POSITION DEPENDENT INTRA PREDICTION
164	pending	CA	3135966	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
165	pending	IN	202147045378	TRANSFORM CODING BASED ON MATRIX-BASED INTRA PREDICTION
166	pending	US	18/540,215	INTERACTIONS AMONG MULTIPLE INTRA CODING METHODS
167	pending	IN	202227067001	SIGNALLING OF GENERAL CONSTRAINS FLAG
168	pending	CN	202210923862.6	INTERACTION BETWEEN IN-FRAME BLOCK COPYING AND AFFINE
169	pending	CN	201980072729.0	MULTI-PARAMETER BASED INTRA-FRAME PREDICTION
170	pending	US	18/083,908	DECODED PICTURE BUFFER MANAGEMENT AND SUBPICTURES IN VIDEO CODING
171	granted	US	17/585,788	CONTEXT MODELING OF SIDE INFORMATION FOR REDUCED SECONDARY TRANSFORMS IN VIDEO
172	pending	KR	10-2022-7042895	CONSTRAINTS ON NUMBER OF SUBPICTURE IN A VIDEO PICTURE

173	granted	US	17/950,040	COMBINATION OF SUBPICTURES AND SCALABILITY
174	granted	CN	201910888062.3	METHOD, APPARATUS AND NON-TRANSITORY COMPUTER READABLE MEDIUM FOR VIDEO PROCESSING
175	granted	US	17/220,127	INTERACTION OF ASYMMETRIC WEIGHTED MERGES AND OTHER CODING TOOLS
176	granted	CN	202080030815.8	METHODS FOR REDUCING CROSS-COMPONENT DEPENDENCE
177	pending	US	17/571,748	DATA STORAGE IN BUFFERS FOR INTRA BLOCK COPY IN VIDEO CODING
178	granted	CN	202080016456.0	PALETTE MODE USES THE INDICATED INDEPENDENT CODECS
179	granted	US	17/671,422	ENTROPY CODING FOR PALETTE ESCAPE SYMBOL
180	pending	EP	19897900.7	MOTION VECTOR PRECISION IN MERGE WITH MOTION VECTOR DIFFERENCE MODE
181	pending	SG	11202200230R	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
182	pending	SG	11202104022X	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
183	pending	IN	202227059581	SYNTAX FOR SIGNALING CROSS-COMPONENT VIDEO CODING
184	granted	MX	MX/A/2022/000535	QUANTIZATION PROCESS FOR PALETTE MODE
185	granted	US	17/943,366	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
186	granted	CN	202080023977.9	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
187	granted	CN	201980073946.1	ROUNDING IN THE TRIANGULAR PREDICTION MODEL
188	granted	IN	202147050749	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
189	pending	US	18/463,416	CROSS-COMPONENT ADAPTIVE LOOP FILTER
190	granted	CN	201910487913.3	INTERACTION OF IN-FRAME BLOCK REPLICATION WITH DECODER-SIDE MOTION VECTOR REFINEMENT
191	pending	EP	20794015.6	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
192	pending	CA	3131286	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
193	pending	US	18/312,732	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
194	pending	CN	202180046880.4	BOUNDARY LOCATIONS FOR ADAPTIVE LOOP FILTERING

195	pending	TW	108118873	APPLICATION OF INTERWEAVED PREDICTION
196	pending	IN	202247037344	SYNTAX FOR SIGNALING VIDEO SUBPICTURES
197	pending	CN	202180041822.2	HANDLING DIFFERENT NAL TYPES IN VIDEO SUB-BITSTREAM EXTRACTION
198	granted	CN	202080050282.X	BITSTREAM CONSISTENCY CONSTRAINTS FOR INTRAFRAME BLOCK REPLICATION IN VIDEO CODECS
199	pending	US	18/089,672	CONTEXT MODELING OF SIDE INFORMATION FOR REDUCED SECONDARY TRANSFORMS IN VIDEO
200	pending	JP	2022-555718	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
201	pending	BR	BR112021014484-6	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
202	granted	US	16/940,826	POSITION DEPENDENT INTRA PREDICTION
203	pending	JP	2022-504685	SIZE RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
204	pending	CN	202080030814.3	INTRA-FRAME PREDICTION AND RESIDUAL CODING AND DECODING
205	pending	JP	2023-188613	SIMPLIFIED INTER PREDICTION WITH GEOMETRIC PARTITIONING
206	pending	CN	202180008983.1	CONSTRAINTS ON VIDEO ENCODING AND DECODING
207	pending	US	18/337,980	TWO-PART SIGNALING OF ADAPTIVE LOOP FILTERS IN VIDEO CODING
208	pending	US	18/504,317	TRANSFORM SKIP RESIDUAL CODING
209	pending	CN	202180024661.6	IMPLICIT DETERMINATION OF TRANSFORMATION SKIP MODE
210	pending	US	18/525,124	SIGNIFICANT COEFFICIENT SIGNALING IN VIDEO CODING
211	pending	US	18/169,442	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
212	pending	US	18/074,887	REFERENCE PICTURE RESAMPLING
213	granted	CN	201910498138.1	INTEGER MOTION COMPENSATION
214	pending	CN	201980073162.9	EXTENSION OF INTER-FRAME PREDICTION USING GEOMETRIC SEGMENTATION
215	granted	JP	2021-523113	WHICH LUT TO BE UPDATED OR NO UPDATING
216	pending	CN	202080061652.X	SEGMENTATION OF VIDEO ZONES BASED ON COLOR FORMAT
217	granted	IN	202127000576	PARTIAL COST CALCULATION
218	pending	CN	202080078183.2	CODING AND DECODING OF LOW-BIT DEPTH VISUAL MEDIA DATA

219	granted	CN	202080028844.0	REDUCING LATENCY IN CROSS-COMPONENT MODES
220	granted	TW	108133899	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
221	granted	JP	2022-565702	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
222	pending	EP	21822302.2	CONSTRAINTS ON NUMBER OF SUBPICTURE IN A VIDEO PICTURE
223	pending	US	18/503,754	SIZE RESTRICTION BASED ON COLOR FORMAT
224	pending	EP	20806889.0	INTERACTIONS AMONG MULTIPLE INTRA CODING METHODS
225	pending	US	17/953,937	LEVEL INFORMATION IN VIDEO CODING
226	granted	JP	2021-573862	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES
227	pending	KR	10-2022-7020843	SUBPICTURE SIGNALING IN PARAMETER SETS
228	pending	CN	202210791121.7	BLOCK SIZE LIMITATIONS FOR DMVRS
229	pending	SG	11202252363M	SIGNALING OF SLICE AND TILE PICTURE PARTITIONS
230	pending	BR	BR112022008487-0	CROSS-COMPONENT ADAPTIVE LOOP FILTER
231	pending	CN	202180008799.7	CONSTRAINTS ON THE RANGE OF VALUES IN A VIDEO BITSTREAM
232	pending	EP	20831761.0	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
233	pending	JP	2023-160428	ON ADAPTIVE LOOP FILTERING FOR VIDEO CODING
234	pending	US	18/490,317	POSITION BASED MODE DERIVATION IN REDUCED SECONDARY TRANSFORMS FOR VIDEO
235	pending	JP	2023-000463	MOTION VECTOR PRECISION IN MERGE WITH MOTION VECTOR DIFFERENCE MODE
236	granted	CN	201910804089.X	REDUNDANCY REMOVAL FOR SEGMENTATION METHODS
237	granted	US	17/942,845	ADAPTIVE LOOP FILTERING
238	granted	US	17/847,005	HIGH LEVEL SYNTAX FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
239	pending	EP	21823088.6	SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS ENHANCEMENTS
240	pending	JP	2023-125966	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
241	pending	SG	11202111843X	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
242	pending	US	18/476,823	CONDITIONAL SIGNALING OF VIDEO CODING SYNTAX ELEMENTS

243	pending	TW	108130511	PRUNING IN MULTI-MOTION MODEL BASED SKIP AND DIRECT MODE CODED VIDEO BLOCKS
244	granted	AU	2020213583	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
245	pending	KR	10-2020-7037770	CONDITIONS FOR UPDATING LUTS
246	pending	CN	202080066588.4	SUBPICTURE ENCODING AND DECODING OF VIDEO
247	pending	JP	2022-577200	SIGNALING OF QUANTIZATION INFORMATION IN CODED VIDEO
248	pending	CN	202180040162.6	SIGNALING NOTIFICATION OF RESERVED BITS IN THE VIDEO GENERIC CONSTRAINT MESSAGE SYNTAX
249	pending	JP	2022-511033	USAGE OF DEFAULT AND USER-DEFINED SCALING MATRICES
250	pending	US	17/891,800	CODING OF PICTURES CONTAINING SLICES AND TILES
251	pending	CN	202311451349.2	SAMPLE POINT FILLING IN ADAPTIVE LOOP FILTERING
252	pending	TH	2101006289	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
253	pending	TH	2101005171	JOINT CODING OF PALETTE MODE USAGE INDICATION
254	pending	EP	20749297.6	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
255	granted	US	17/897,967	REFERENCE PICTURE INFORMATION SIGNALLING IN A VIDEO BITSTREAM
256	granted	KR	10-2021-7027573	USAGE OF CONVERTED UNI-PREDICTION CANDIDATE
257	pending	IN	202247055012	CONTROLLING DEBLOCKING FILTERING AT DIFFERENT LEVELS IN CODED VIDEO
258	pending	IN	202127003632	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
259	granted	US	17/889,887	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
260	granted	CN	201980080055.9	PRUNING METHODS IN DIFFERENT PREDICTION MODELS
261	granted	CN	201911007851.8	GRADIENT CALCULATION IN BIDIRECTIONAL OPTICAL FLOW
262	granted	CN	201910765163.1	BOUNDARY PROCESSING FOR EXTENDED QUADTREE SPLITTING
263	pending	KR	10-2022-7016716	SIMPLIFIED INTER PREDICTION WITH GEOMETRIC PARTITIONING
264	granted	US	17/071,357	COMPONENT-DEPENDENT SUB-BLOCK DIVIDING

265	pending	BR	BR112022021342-5	CONSTRAINTS ON REFERENCE PICTURE LISTS
266	granted	US	17/887,297	RESTRICTED UPSAMPLING PROCESS IN MATRIX-BASED INTRA PREDICTION
267	pending	PH	1-2022-550148	QUANTIZATION PROCESS FOR PALETTE MODE
268	granted	JP	2022-517728	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
269	granted	CN	202080028112.1	TRANSFORM CODING ACCORDING TO MATRIX-BASED INTRA-FRAME PREDICTION
270	pending	IN	202127047361	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
271	pending	KR	10-2022-7044358	HANDLING OF CODED VIDEO IN SUB-BITSTREAM EXTRACTION PROCESS
272	pending	SG	11202203395W	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
273	pending	MY	PI2022001402	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
274	pending	CN	201980077207.X	INTERACTION BETWEEN INTRA-BLOCK COPY MODE AND SUB-BLOCK BASED MOTION VECTOR PREDICTION MODE
275	pending	CN	202080018160.2	BLOCK VECTOR REPRESENTATION FOR INTRA-FRAME BLOCK REPLICATION IN VIDEO CODECS
276	pending	SG	11202202837Y	QUANTIZATION PARAMETER DERIVATION FOR PALETTE MODE
277	granted	JP	2022-515128	INTRA BLOCK COPY CODING AND DECODING
278	pending	JP	2023-021775	HARMONIZATION OF LINEAR MODE PREDICTION IN VIDEO CODING
279	pending	CN	202311620738.3	SEGMENTATION OF VIDEO ZONES BASED ON COLOR FORMAT
280	granted	CN	201910488488.X	INTERACTION OF INTRAFRAME BLOCK REPLICATION WITH OPTIONAL TIME-DOMAIN MOTION VECTOR PREDICTION
281	pending	VN	1-2022-00283	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
282	pending	TH	2201000197	QUANTIZATION PROCESS FOR PALETTE MODE
283	granted	JP	2022-500804	SAMPLE DETERMINATION FOR ADAPTIVE LOOP FILTERING
284	pending	MY	PI2021003040	CONTEXT-BASED INTRA PREDICTION
285	pending	CN	202180017825.2	REFERENCE IMAGE INFORMATION SIGNALING IN VIDEO BITSTREAMS
286	granted	JP	2021-524354	ROUNDING IN PAIRWISE AVERAGE CANDIDATE CALCULATIONS

287	pending	IN	202247038534	CROSS COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODING
288	granted	CN	202080036494.2	IN-FRAME BLOCK COPYING FOR SCREEN CONTENT CODING AND DECODING
289	granted	US	17/522,347	CONTEXT MODELING FOR RESIDUAL CODING
290	granted	US	17/675,880	POSITION-BASED COEFFICIENTS SCALING
291	granted	JP	2021-522382	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
292	pending	CN	202180028469.4	CHROMA SYNTAX SIGNALING NOTIFICATION IN ADAPTIVE PARAMETER SETS
293	granted	ZA	2021/05356	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
294	pending	US	18/516,620	GENERALIZED BI DIRECTIONAL PREDICTION MODE IN VIDEO PROCESSING
295	granted	CN	201980086504.0	CONSTRUCTING DEFAULT MOTION CANDIDATES IN SUBBLOCK-BASED INTERFRAME PREDICTION
296	pending	EP	20836333.3	SIGNALING OF CHROMA RESIDUAL SCALING
297	pending	EP	21772196.8	CONSTRAINTS ON REFERENCE PICTURE LISTS ENTRIES
298	pending	CN	202310822766.7	TWO-STEP INTER-FRAME PREDICTION
299	pending	CN	202311469061.8	INDICATION OF ADAPTIVE LOOP FILTERING WITH ADAPTIVE PARAMETER CENTRALIZATION
300	granted	CN	201980005113.1	LINE BUFFER REDUCTION FOR GENERALIZED BIDIRECTIONAL PREDICTION MODELS
301	granted	US	17/135,054	SELECTION OF CODED MOTION INFORMATION FOR LUT UPDATING
302	granted	CN	201910545236.6	SUBBLOCK MOTION VECTOR INHERITANCE BETWEEN COLOR COMPONENTS
303	pending	EP	21738561.6	CONSTRAINTS FOR VIDEO CODING AND DECODING
304	pending	CN	201910774461.7	IMPROVED MAPPING OF BILATERAL FILTERS
305	granted	MX	MX/A/2021/009788	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
306	pending	JP	2023-072497	SIGNALING FOR REFERENCE PICTURE RESAMPLING
307	pending	JP	2023-201186	USING QUANTIZATION GROUPS IN VIDEO CODING
308	pending	IN	202227005402	SIZE RESTRICTION BASED ON COLOR FORMAT

309	pending	IN	202147041571	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
310	pending	SG	11202254281P	CONSTRAINTS ON REFERENCE PICTURE LISTS
311	granted	TW	108123134	SELECTION FROM MULTIPLE LUTS
312	granted	JP	2021-559286	TRANSFORM CODING BASED ON MATRIX-BASED INTRA PREDICTION
313	pending	EP	20798196.0	INTRA VIDEO CODING USING MULTIPLE REFERENCE FILTERS
314	granted	US	17/173,734	OVERLAPPED BLOCK MOTION COMPENSATION USING SPATIAL NEIGHBORS
315	granted	US	17/882,375	DEBLOCKING PARAMETERS FOR CHROMA COMPONENT
316	granted	US	18/076,897	CONSTRAINTS ON DECODING PICTURE BUFFER
317	pending	JP	2023-166048	CONDITION DEPENDENT CODING OF PALETTE MODE USAGE INDICATION
318	pending	IN	202247053788	USE OF SUBPICTURE INFORMATION IN VIDEO CODING
319	pending	EP	19745283.2	PARTIAL COST CALCULATION
320	granted	ZA	2021/05404	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
321	pending	CN	202180036444.9	SEQUENCING OF NAL UNITS IN CODEC VIDEO
322	pending	KR	10-2021-7034627	SIGNALING FOR REFERENCE PICTURE RESAMPLING
323	pending	EP	23212090.7	ADAPTIVE LOOP FILTERING
324	pending	CN	202311722882.8	SIMPLIFIED PARAMETER DERIVATION FOR INTRA-FRAME PREDICTION
325	pending	RU	2021124242	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
326	pending	CN	202080060088.X	CODEC REPRESENTATION OF HISTORY-BASED MOTION VECTOR PREDICTION TABLES
327	pending	KR	10-2022-7022268	SIGNALLING OF HIGH LEVEL SYNTAX INDICATION
328	pending	CN	202080054200.9	BLOCK SIZE RELATED USE OF VIDEO CODEC MODES
329	granted	US	17/713,063	DOWNSAMPLING FILTER TYPE FOR CHROMA BLENDING MASK GENERATION
330	granted	US	17/705,488	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
331	pending	US	17/954,905	DEBLOCKING FILTER FOR VIDEO CODING
332	granted	BR	BR112021015017-0	PARAMETER DERIVATION FOR INTRA PREDICTION

333	granted	TW	108125325	CONSTRAINS FOR TINY BLOCKS
334	pending	CN	201980087392.0	MAPPING BETWEEN DISTANCE INDEXES AND DISTANCES IN MERGE WITH MVDS
335	granted	CN	202080027417.0	USING INTERPOLATION FILTERS FOR HISTORY-BASED MOTION VECTOR PREDICTION
336	pending	IN	202247055371	PREDICTION REFINEMENT FOR AFFINE MERGE AND AFFINE MOTION VECTOR PREDICTION MODE
337	pending	CN	202080014412.4	NON-QUADRATIC POWER SPLIT TREES IN VIDEO COMPRESSION
338	granted	US	16/940,959	MODE DEPENDENT MVD PRECISION SET
339	granted	TW	108124970	CROSS-COMPONENT IPM DERIVAITION
340	pending	CN	202180020608.9	CONSISTENCY WINDOW PARAMETERS FOR VIDEO CODECS
341	pending	KR	10-2021-7008481	POSITION BASED INTRA PREDICTION
342	pending	SG	11202203850X	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
343	pending	EP	20792015.8	PARAMETER DERIVATION IN CROSS COMPONENT MODE
344	granted	CN	202080018655.5	CONSTRAINTS ON MODEL-BASED SHAPING IN VIDEO PROCESSING
345	pending	US	18/501,526	CALCULATION IN MATRIX-BASED INTRA PREDICTION
346	granted	TW	108123177	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS
347	pending	US	17/975,005	WEIGHTED PREDICTION IN VIDEO CODING
348	pending	ID	P00202107717	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
349	pending	US	17/990,247	NUMBER RESTRICTION FOR SUBLAYERS
350	pending	EP	20795280.5	SIGNALING OF SYNTAX ELEMENTS FOR JOINT CODING OF CHROMINANCE RESIDUALS
351	granted	RU	2022100562	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
352	granted	ZA	2021/05403	PARAMETER DERIVATION FOR INTRA PREDICTION
353	pending	EP	21750399.4	DEBLOCKING PARAMETERS FOR CHROMA COMPONENT
354	granted	US	17/392,628	TEMPORAL PREDICTION OF PARAMETERS IN NON-LINEAR ADAPTIVE LOOP FILTER
355	pending	EP	20893690.6	SIMPLIFIED INTER PREDICTION WITH GEOMETRIC PARTITIONING

356	granted	US	17/716,447	CROSS-COMPONENT ADAPTIVE LOOP FILTERING IN VIDEO CODING
357	pending	IN	202147020410	SIMPLIFIED PARAMETER DERIVATION FOR INTRA PREDICTION
358	pending	KR	10-2022-7003001	WEIGHTING FACTORS FOR PREDICTION SAMPLE FILTERING IN INTRA MODE
359	pending	SG	11202112279W	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
360	pending	EP	19888914.9	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
361	pending	JP	2023-181439	COMPLEXITY REDUCTION IN PARAMETER DERIVATION FOR INTRA PREDICTION
362	pending	US	17/548,187	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES
363	pending	CN	202210453849.9	SUBBLOCK DECODER SIDE MOTION VECTOR REFINEMENT
364	pending	KR	10-2021-7017405	MOTION VECTOR PRECISION IN MERGE WITH MOTION VECTOR DIFFERENCE MODE
365	pending	CN	202311519355.7	RANGE CONSTRAINTS FOR BLOCK VECTORS IN INTRA-FRAME BLOCK COPY MODE
366	granted	US	17/572,810	CONDITION DEPENDENT CODING OF PALETTE MODE USAGE INDICATION
367	pending	CN	202311108576.5	CONDITIONAL USE OF MULTIPLE TRANSFORMATION MATRICES IN VIDEO CODECS
368	granted	CN	202080030136.0	SIGNALING OF CHROMA SYNTAX ELEMENTS IN VIDEO CODECS
369	pending	EP	20813478.3	RESTRICTED UPSAMPLING PROCESS IN MATRIX-BASED INTRA PREDICTION
370	pending	EP	21767845.7	ADAPTIVE LOOP FILTERING
371	granted	US	17/837,216	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
372	pending	IN	202247039698	PROCESSING OF FILLER DATA UNITS IN VIDEO STREAMS
373	granted	US	17/548,134	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES BASED ON COLOR FORMAT
374	granted	CN	201980068646.4	SIMPLIFIED CODING AND DECODING FOR GENERALIZED BIDIRECTIONAL PREDICTIVE INDEXING
375	pending	CN	202080071392.4	CROSS-COMPONENT ADAPTIVE LOOP FILTERING IN VIDEO CODECS
376	pending	IN	202127002718	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
377	granted	CN	201980087421.3	PARSING METHODS FOR DISTANCE INDEXING UNDER MERGE WITH MVDS

378	pending	MY	PI2021005750	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
379	pending	US	17/962,861	MINIMUM ALLOWED QUANTIZATION FOR TRANSFORM SKIP BLOCKS IN VIDEO CODING
380	pending	KR	10-2023-7045268	CHECKING ORDER OF MOTION CANDIDATES IN LUT
381	pending	IN	202247036883	SUBPICTURE SIGNALING IN VIDEO CODING
382	pending	JP	2022-566447	ENTROPY CODING FOR MOTION PRECISION SYNTAX
383	granted	JP	2022-519124	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
384	pending	US	17/975,323	INTERACTION BETWEEN LUT AND AMVP
385	granted	US	17/354,250	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
386	granted	US	17/230,021	HARMONIZED LOCAL ILLUMINATION COMPENSATION AND INTRA BLOCK COPY CODING
387	granted	CN	201910901047.8	GENERAL APPLICATIONS INVOLVING AFFINE MOTION
388	pending	CN	202080008273.4	AFFINE-BASED MERGE WITH MOTION VECTOR DIFFERENCE (MVD)
389	granted	US	17/646,048	TEMPORAL PREDICTION OF PARAMETERS IN NON-LINEAR ADAPTIVE LOOP FILTER
390	granted	US	17/521,043	ADAPTIVE MOTION VECTOR DIFFERENCE RESOLUTION FOR AFFINE MODE
391	pending	IN	202247007118	BUFFER MANAGEMENT IN SUBPICTURE DECODING
392	granted	US	17/074,892	EXTENDED MERGE PREDICTION
393	pending	US	17/694,253	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
394	pending	CN	202080077611.X	QUANTIZATION PROPERTIES OF ADAPTIVE IN-THE-LOOP COLOR SPACE TRANSFORMATIONS FOR VIDEO CODECS
395	pending	US	17/389,104	UNSYMMETRICAL QUAD-TREE PARTITIONING
396	pending	JP	2022-522764	4SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
397	pending	IN	202247055986	COEFFICIENTS CODING IN TRANSFORM SKIP MODE
398	pending	JP	2023-120600	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
399	pending	US	18/524,994	GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING

400	granted	CN	202080035078.0	LUMINANCE-BASED QUADRATIC TRANSFORM MATRIX SELECTION FOR VIDEO PROCESSING
401	pending	JP	2023-198422	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
402	pending	BR	BR112022016529-3	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
403	pending	EP	23212823.1	CONSTRAINS FOR HIGH LEVEL SYNTAX ELEMENTS
404	pending	CN	201980073157.8	SIGNALING WITH GEOMETRICALLY SEGMENTED INTER-FRAME PREDICTED EDGE INFORMATION
405	pending	KR	10-2021-7043076	SAMPLE DETERMINATION FOR ADAPTIVE LOOP FILTERING
406	pending	PH	1-2022-550183	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
407	pending	CN	202080047366.8	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETERS IN TRANSFORM SKIP MODE
408	granted	IN	202147052279	MATRIX-BASED INTRA PREDICTION USING UPSAMPLING
409	pending	JP	2022-556149	USING VIDEO PARAMETER SET IN VIDEO CODING
410	pending	CN	202211013640.7	ASYMMETRICALLY WEIGHTED BIDIRECTIONAL PREDICTION MERGE
411	pending	US	17/946,624	USING VIDEO PARAMETER SET IN VIDEO CODING
412	pending	JP	2023-122345	TWO-PART SIGNALING OF ADAPTIVE LOOP FILTERS IN VIDEO CODING
413	pending	PH	1-2021-552658	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
414	pending	US	17/538,873	INTRA BLOCK COPY WITH TRIANGULAR PARTITIONS
415	pending	US	18/519,348	SYNTAX FOR SIGNALING CROSS-COMPONENT VIDEO CODING
416	granted	JP	2021-544569	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
417	granted	US	17/732,692	CROSS-COMPONENT ADAPTIVE LOOP FILTER
418	pending	CN	202180016140.6	CODING AND DECODING OF PICTURES INCLUDING STRIPS AND SLICES
419	granted	CN	201910901097.6	MOTION VECTOR DERIVATION FOR SUB-BLOCKS IN AFFINE MODE
420	pending	JP	2021-571532	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA PREDICTION

421	granted	CN	201980075531.8	GENERALIZED BIDIRECTIONAL PREDICTION MODEL FOR VIDEO PROCESSING
422	granted	US	17/369,026	SELECTION OF CODED MOTION INFORMATION FOR LUT UPDATING
423	pending	CN	202311514490.2	CROSS-COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODECS
424	granted	TW	108134966	MODE DEPENDENT AFFINE INHERITANCE
425	pending	SG	11202113470V	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION
426	granted	US	17/411,333	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
427	pending	BR	BR112022017289-3	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
428	pending	EP	19883617.3	BANDWIDTH CONTROL METHODS FOR INTER PREDICTION
429	pending	SG	11202200257S	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
430	pending	IN	202247071695	VIDEO PARAMETER SET CONSTRAINTS FOR SUBPICTURE SUB-BITSTREAM EXTRACTION
431	pending	US	18/342,482	SCALING PROCESS FOR CODING BLOCK
432	pending	JP	2023-102125	CALCULATION IN MATRIX-BASED INTRA PREDICTION
433	granted	CN	201910901072.6	REPRESENTATION OF AFFINE MODELS
434	pending	KR	10-2021-7031768	GRADIENT CALCULATION IN DIFFERENT MOTION VECTOR REFINEMENTS
435	pending	BR	BR112022002687-0	MOTION PRECISION IN SUB-BLOCK BASED INTER PREDICTION
436	granted	CN	202080016185.9	METHOD, APPARATUS AND COMPUTER READABLE MEDIUM FOR CODING AND DECODING VIDEO DATA
437	pending	KR	10-2023-7044740	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
438	pending	CN	201910900357.8	8-PARAMETER AFFINE MODEL
439	granted	AU	2020312053	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
440	granted	JP	2021-525548	HISTORY BASED MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY
441	pending	CN	202080012232.2	INTERACTION BETWEEN LOOP SHAPING AND INTERFRAME CODEC TOOLS
442	pending	TH	2101003115	CONTEXT-BASED INTRA PREDICTION
443	pending	CN	202080041724.4	MOTION INFORMATION DERIVATION FOR INTER-FRAME PREDICTION

444	pending	CN	202180026287.3	DIFFERENCE IN MOTION VECTORS OF BLOCKS WITH GEOMETRIC SEGMENTATION
445	pending	JP	2022-570205	SCALING WINDOW IN VIDEO CODING
446	pending	KR	10-2023-7045415	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS
447	pending	CN	202080007867.3	METHODS OF VIDEO PROCESSING
448	pending	MY	PI2022000082	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
449	pending	JP	2021-555421	CALCULATION OF PREDICATION REFINEMENT BASED ON OPTICAL FLOW
450	granted	US	17/882,359	PALETTE MODE FOR LOCAL DUAL TREE
451	pending	US	17/388,146	WHICH LUT TO BE UPDATED OR NO UPDATING
452	pending	CN	202210804712.3	DECODER-SIDE MOTION VECTOR DERIVATION
453	pending	JP	2022-161281	SIDE INFORMATION SIGNALING FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
454	pending	PH	1-2021-551130	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
455	pending	CN	202180041401.X	SUPPLEMENTAL ENHANCEMENT OF SUB-PICTURE LEVEL INFORMATION SIGNALING IN MESSAGES
456	pending	US	17/942,921	INDICATION OF DIGITAL MEDIA INTEGRITY
457	pending	CN	202180041952.6	PROCESSING OF SUPPLEMENTARY ENHANCEMENT INFORMATION DURING SUBPICTURE SUBBIT STREAM EXTRACTION
458	pending	CN	202080016871.6	IMPROVEMENT OF ADAPTIVE MOTION VECTOR DIFFERENTIAL RESOLUTION IN INTRA-FRAME BLOCK REPLICATION MODE
459	granted	JP	2021-563191	INTRA CODED VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODING
460	pending	US	17/853,076	MOTION VECTOR DIFFERENCE FOR BLOCK WITH GEOMETRIC PARTITION
461	pending	JP	2023-201865	TEMPORAL PREDICTION OF PARAMETERS IN NON-LINEAR ADAPTIVE LOOP FILTER
462	pending	JP	2022-575463	SUBLAYER SIGNALING IN A VIDEO BITSTREAM
463	granted	US	16/814,832	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
464	pending	EP	20850328.4	VIDEO REGION PARTITION BASED ON COLOR FORMAT
465	pending	EP	21771949.1	USE OF SUBPICTURE INFORMATION IN VIDEO CODING

466	granted	ZA	2021/05195	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
467	pending	SG	11202112517Q	MATRIX-BASED INTRA PREDICTION USING UPSAMPLING
468	pending	KR	10-2022-7005833	SUB-PARTITIONING IN INTRA CODING
469	pending	IN	202247053594	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
470	pending	CN	202080009266.6	USING VIRTUAL CANDIDATE PREDICTION AND WEIGHTED PREDICTION IN VIDEO PROCESSING
471	granted	US	17/570,753	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
472	pending	US	18/149,333	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
473	granted	CN	201910718717.2	VIDEO PROCESSING METHODS, APPARATUS AND COMPUTER-READABLE MEDIA
474	pending	US	18/077,783	CONSTRAINTS ON INTRA BLOCK COPY USING NON-ADJACENT NEIGHBORING BLOCKS
475	granted	CN	202080019465.5	IMPROVED WEIGHTING PROCESS FOR COMBINING INTER-FRAME INTRA-FRAME PREDICTIONS
476	pending	KR	10-2022-7027522	INFERENCING WEIGHT VALUES FOR VIDEO COMPONENTS IN A BITSTREAM
477	pending	CN	202311755613.1	LIMITATIONS ON THE DERIVATION OF DECODER-SIDE MOTION VECTORS BASED ON CODED INFORMATION
478	pending	CN	202311278569.X	CONSTRAINTS ON THE DIFFERENCE OF MOTION VECTORS
479	pending	EP	19782734.8	MODIFICATION OF MOTION VECTOR WITH ADAPTIVE MOTION VECTOR RESOLUTION
480	pending	EP	20759820.2	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
481	pending	AR	20210100173	REFERENCE PICTURE INFORMATION SIGNALING IN A VIDEO BITSTREAM
482	pending	EP	21784701.1	DEBLOCKING SIGNALING IN VIDEO CODING
483	granted	US	17/731,472	SYNTAX SIGNALING AND PARSING BASED ON COLOUR COMPONENT
484	pending	JP	2023-217004	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
485	granted	JP	2022-521959	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
486	granted	US	17/857,874	GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING
487	granted	CN	202080031425.2	PREDICTION OF PARAMETERS FOR IN-LOOP RECONFIGURATION

488	pending	EP	23213925.3	PROFILE, TIER AND LAYER INDICATION IN VIDEO CODING
489	pending	JP	2022-570209	SCALING WINDOW IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
490	pending	US	18/472,353	TWO STEP CROSS-COMPONENT PREDICTION MODE
491	pending	VN	1-2021-04964	METHOD AND APPARATUS OF PROCESSING VIDEO DATA AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
492	pending	IN	202147033546	CONFIGURING LUMA-DEPENDENT CHROMA RESIDUE SCALING FOR VIDEO CODING
493	pending	CN	202080012002.6	BUFFER UPDATE FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
494	granted	TW	108121829	IMPROVED BORDER PARTITION
495	pending	EP	21738539.2	PROCESSING OF FILLER DATA UNITS IN VIDEO STREAMS
496	granted	US	17/230,075	HARMONIZED LOCAL ILLUMINATION COMPENSATION AND MODIFIED INTER CODING TOOLS
497	pending	EP	21736195.5	GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING
498	pending	US	17/490,806	MODE DEPENDENT MVD PRECISION SET
499	granted	CN	202080036650.5	MOTION INFORMATION DETERMINATION AND STORAGE FOR VIDEO PROCESSING
500	pending	IN	202247054360	ADAPTIVE LOOP FILTERING
501	pending	BR	BR 112020024202-0	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
502	pending	CN	202080090439.1	CONSTRAINTS ON SIGNALING IN VIDEO BITSTREAMS ASSUMING REFERENCE DECODER PARAMETERS
503	granted	US	17/109,873	BORDER HANDLING FOR EXTENDED QUADTREE PARTITIONS
504	pending	CN	202080060048.5	CONTEXT-ADAPTIVE CODING AND DECODING OF BLOCK VECTORS
505	granted	CN	202080028042.X	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA-FRAME PREDICTION
506	granted	CN	201910586888.4	NUMBER OF CAMPAIGN CANDIDATES IN THE LOOKUP TABLE TO BE CHECKED AGAINST THE PATTERN
507	granted	JP	2021-564672	CODING MODE BASED ON A CODING TREE STRUCTURE TYPE
508	granted	CN	201980076019.5	USE OF JUXTAPOSED BLOCKS IN A SUB-BLOCK-BASED TIME-DOMAIN MOTION VECTOR PREDICTION MODEL
509	pending	KR	10-2021-7037073	ADAPTIVE MOTION VECTOR DIFFERENCE RESOLUTION FOR AFFINE MODE

510	granted	TW	108121344	GENERALIZED MVD RESOLUTIONS
511	pending	EP	19881464.2	COMPLEXITY REDUCTION IN PARAMETER DERIVATION FOR INTRA PREDICTION
512	granted	JP	2022-539113	CONSTRAINTS ON SIGNALING OF VIDEO LAYERS IN CODED BITSTREAMS
513	pending	JP	2022-542122	SIGNALLING OF THE PRESENCE OF INTER-LAYER REFERENCE PICTURES
514	pending	BR	BR112022000542-3	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
515	pending	CN	202180009289.1	OVERRIDING QUANTIZATION PARAMETERS IN VIDEO CODECS
516	granted	US	17/338,054	CONDITIONS FOR STARTING CHECKING HMVP CANDIDATES DEPEND ON TOTAL NUMBER MINUS K
517	pending	JP	2023-186875	CROSS-COMPONENT ADAPTIVE LOOP FILTER
518	pending	EP	20876825.9	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
519	granted	US	17/074,842	BI-PREDICTION WITH WEIGHTS IN VIDEO CODING AND DECODING
520	pending	SG	11202200568V	QUANTIZATION PROCESS FOR PALETTE MODE
521	granted	US	17/480,208	RESTRICTED UPSAMPLING PROCESS IN MATRIX-BASED INTRA PREDICTION
522	granted	ZA	2020/07990	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
523	granted	US	17/115,462	CONSTRUCTION METHOD FOR INTER PREDICTION WITH GEOMETRY PARTITION
524	pending	CN	201911019434.5	SUBBLOCK MOTION CANDIDATES IN VIDEO CODING
525	pending	JP	2022-183488	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS
526	granted	US	17/888,227	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO TILES
527	pending	JP	2023-002914	LINEAR MODEL DERIVATION FOR CROSS-COMPONENT PREDICTION
528	pending	BR	BR 112022004668-5	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
529	granted	US	17/322,166	CONFIGURING LUMA-DEPENDENT CHROMA RESIDUE SCALING FOR VIDEO CODING
530	pending	CN	202311450860.0	COEFFICIENT SCALING FOR HIGH-PRECISION IMAGE AND VIDEO CODECS
531	pending	EP	21807814.5	SCALING WINDOW IN VIDEO CODING

532	granted	US	17/343,980	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
533	pending	US	18/324,577	SIGNALING IN TRANSFORM SKIP MODE
534	pending	EP	21772025.9	ORDER RELATIONSHIP BETWEEN SUBPICTURES
535	pending	IN	202227038570	GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING
536	granted	US	17/453,135	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA PREDICTION
537	pending	TW	108134298	GENERAL APPLICATIONS RELATED TO AFFINE MOTION
538	granted	TW	108119573	INTERACTION BETWEEN IBC AND AFFINE
539	pending	MX	MX/A/2022/001465	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
540	pending	CN	202180009358.9	SIGNALING NOTIFICATION OF QUANTIZATION PARAMETERS IN VIDEO CODECS
541	pending	RU	2021130340	CONTEXT CODING FOR TRANSFORM SKIP MODE
542	pending	VN	1-2022-05590	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
543	pending	CN	202080091525.4	INTRA-FRAME PREDICTION FOR MULTI-PARAMETER MODELS
544	pending	CN	202311191571.3	DATA STORAGE IN THE BUFFER USED FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
545	pending	EP	20899673.6	USING QUANTIZATION GROUPS IN VIDEO CODING
546	pending	KR	10-2021-7031662	TRANSFORM CODING BASED ON MATRIX-BASED INTRA PREDICTION
547	pending	IN	202227004307	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
548	pending	BR	BR112022001279-9	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
549	granted	CN	201910498694.9	SUBBLOCK DECODER SIDE MOTION VECTOR REFINEMENT
550	pending	JP	2023-158409	PARAMETER DERIVATION IN CROSS COMPONENT MODE
551	pending	EP	20794622.9	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
552	pending	KR	10-2022-7042182	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
553	pending	IN	202247020262	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS

554	pending	JP	2022-570208	SUBPICTURE SUB-BITSTREAM EXTRACTION IMPROVEMENTS
555	pending	EP	20799044.1	SIGNALING IN TRANSFORM SKIP MODE
556	pending	CN	202080032961.4	CODEC PATTERNS BASED ON CODEC TREE STRUCTURE TYPES
557	pending	CN	202080090631.0	TECHNIQUES USED TO IMPLEMENT DECODING ORDER IN CODED IMAGES
558	pending	BR	BR112022019770-5	CONFORMANCE WINDOW PARAMETERS IN VIDEO CODING
559	pending	CN	202080025296.6	INTERACTION BETWEEN ADAPTIVE LOOP FILTERING AND OTHER CODEC TOOLS
560	pending	IN	202147004528	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
561	pending	MX	MX/A/2022/011425	ORDER RELATIONSHIP BETWEEN SUBPICTURES
562	pending	CN	202080056646.5	SUB-IMAGE SIZE DEFINITION IN VIDEO PROCESSING
563	pending	VN	1-2021-02233	METHOD AND APPARATUS FOR PROCESSING VIDEO AND COMPUTER READABLE RECODING MEDIA
564	granted	US	17/400,397	LUMA BASED SECONDARY TRANSFORM MATRIX SELECTION FOR VIDEO PROCESSING
565	granted	US	17/942,880	ADAPTATION PARAMETER SET SIGNALING BASED ON COLOR FORMAT
566	granted	US	17/359,890	MOTION VECTOR DERIVATION BETWEEN DIVIDING PATTERNS
567	granted	CN	202080021630.0	OPTICAL FLOW-BASED PREDICTION REFINEMENT
568	pending	US	17/386,497	BUFFER UPDATING FOR INTRA BLOCK COPY IN VIDEO CODING
569	pending	CN	202180020793.1	INDICATION OF DIGITAL MEDIA INTEGRITY
570	pending	IN	202147058184	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES
571	granted	TW	108123166	SHAPE DEPENDENT INTRA CODING
572	granted	KR	10-2021-7032824	SIGNALING OF SYNTAX ELEMENTS FOR JOINT CODING OF CHROMINANCE RESIDUALS
573	pending	US	17/376,593	MOTION CANDIDATE LISTS THAT USE LOCAL ILLUMINATION COMPENSATION
574	granted	TW	108123120	BOUNDARY ENHANCEMENT FOR SUB-BLOCK
575	pending	JP	2023-045399	MODIFICATION OF MOTION VECTOR WITH ADAPTIVE MOTION VECTOR RESOLUTION
576	pending	CN	202210562776.7	WHICH LOOKUP TABLE NEEDS TO BE UPDATED OR NOT

577	granted	US	17/845,536	CONSTRAINTS ON SIGNALING OF VIDEO LAYERS IN CODED BITSTREAMS
578	pending	CN	202080090431.5	CONSTRAINTS ON SIGNALING AT THE VIDEO LAYER IN CODEC BITSTREAMS
579	pending	KR	10-2021-7034556	MATRIX-BASED INTRA PREDICTION USING FILTERING
580	granted	US	17/353,629	TWO STEP CROSS-COMPONENT PREDICTION MODE
581	granted	JP	2022-517725	PADDING PROCESS IN ADAPTIVE LOOP FILTERING
582	pending	VN	1-2021-06328	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
583	granted	KR	10-2021-7001749	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
584	pending	JP	2023-196343	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
585	pending	CN	202080057057.9	REFERENCE IMAGE RESAMPLING
586	pending	CN	201911007993.4	STORAGE OF MOTION INFORMATION IN AFFINE MODE
587	pending	IN	202247007022	POSITION RESTRICTION FOR INTER CODING MODE
588	granted	US	17/225,504	GRADIENT COMPUTATION IN BI-DIRECTIONAL OPTICAL FLOW
589	pending	CN	202180029207.X	EXISTENCE OF ADAPTIVE PARAMETER SET UNITS
590	pending	CN	202180009033.0	SUB-IMAGE BOUNDARY FILTERING IN VIDEO CODECS
591	granted	ZA	2022/00957	QUANTIZATION PROCESS FOR PALETTE MODE
592	pending	MX	MX/A/2022/011463	COMBINATION OF SUBPICTURES AND SCALABILITY
593	granted	MX	MX/A/2022/007502	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
594	granted	CN	202080016216.0	SIGNALING OF FILTERED INFORMATION IN VIDEO PROCESSING
595	pending	BR	BR112022016125-5	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
596	pending	JP	2023-189742	SIZE RESTRICTION BASED ON COLOR FORMAT
597	pending	CN	202080055003.9	SCAN ORDER IMPROVEMENT FOR PALETTE MODE CODECS
598	granted	US	17/205,965	MULTIPLE PREDICTION BLOCKS FOR ONE INTRA-CODED BLOCK

599	pending	CN	202311516129.3	METHOD, APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM FOR VIDEO PROCESSING
600	pending	JP	2021-523114	CONDITIONS FOR UPDATING LUTS
601	pending	JP	2023-107106	SETTING INTRA-BLOCK COPY VIRTUAL BUFFER BASED ON VIRTUAL PIPELINE DATA UNIT
602	pending	JP	2022-508597	MOTION PRECISION IN SUB-BLOCK BASED INTER PREDICTION
603	pending	CN	202311562576.2	CODEC PATTERNS BASED ON CODEC TREE STRUCTURE TYPES
604	granted	CN	201910900356.3	SIMPLIFIED PREDICTION OF SPACETIME MOTION VECTORS
605	pending	IN	202127056150	CONDITIONAL IMPLEMENTATION OF MOTION CANDIDATE LIST CONSTRUCTION PROCESS
606	pending	KR	10-2022-7029612	LOW FREQUENCY NON-SEPARABLE TRANSFORM SIGNALING IN VIDEO CODING
607	granted	TW	108123075	RESTRICTION OF MOTION INFORMATION SHARING
608	granted	CN	201911019945.7	DERIVATION OF MOTION CANDIDATES BASED ON NEIGHBORING BLOCKS IN THE AIRSPACE FOR SUB-BLOCK MOTION VECTOR PREDICTION
609	granted	US	16/941,039	MODIFICATION OF MOTION VECTOR WITH ADAPTIVE MOTION VECTOR RESOLUTION
610	pending	KR	10-2022-7030696	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
611	pending	US	17/964,396	CODING OF INSTANTANEOUS DECODING REFRESH SUBPICTURES
612	granted	US	17/675,796	SIGNALING FOR TRANSFORM SKIP MODE
613	pending	IN	202227070068	REFERENCE PICTURE RESAMPLING
614	granted	TW	108119601	INTERACTION BETWEEN IBC AND STMVP
615	pending	CN	202180027374.0	DEBLOCKING SIGNALING NOTIFICATION IN VIDEO CODECS
616	pending	US	18/349,788	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
617	pending	KR	10-2021-7031445	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
618	pending	KR	10-2022-7010809	HIGH LEVEL SYNTAX FOR VIDEO CODING TOOLS
619	granted	US	17/732,849	COMPONENT-DEPENDENT SUB-BLOCK DIVIDING
620	pending	TW	108134301	NON-AFFINE BLOCKS PREDICTED FROM AFFINE MOTION

621	pending	CN	202180037454.4	LIMITATIONS ON THE SET OF OUTPUT LAYERS AND THE NUMBER OF LAYERS
622	pending	ID	P00202200876	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
623	pending	EP	20858139.7	CLIPPING IN REFERENCE PICTURE RESAMPLING
624	pending	US	17/384,137	JOINT CODING OF PALETTE MODE USAGE INDICATION
625	pending	BR	BR112022000358-7	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
626	pending	EP	20758940.9	JOINT CODING OF PALETTE MODE USAGE INDICATION
627	pending	IN	202147055869	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA PREDICTION
628	pending	KR	10-2022-7026836	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
629	pending	IN	202247046486	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO SLICES
630	granted	US	17/698,968	QUANTIZATION PARAMETER DERIVATION FOR PALETTE MODE
631	granted	TW	108123186	INTERACTION BETWEEN LUT AND AMVP
632	pending	IN	202127056138	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION
633	granted	CN	201910586671.3	EXTENDED MERGE MODE
634	granted	CN	201980068722.1	LIMITATIONS ON THE DERIVATION OF DECODER-SIDE MOTION VECTORS
635	granted	CN	201980073156.3	USING INTERFRAME PREDICTION WITH GEOMETRIC SEGMENTATION FOR VIDEO PROCESSING
636	pending	US	18/172,034	RESTRICTIONS OF USAGE OF TOOLS ACCORDING TO REFERENCE PICTURE TYPES
637	pending	CN	202180022454.7	INDICATION OF PICTURE OUTPUT FLAGS IN VIDEO CODECS
638	pending	US	18/450,787	CONSTRAINTS ON COLLOCATED PICTURES IN VIDEO CODING
639	granted	CN	201910866496.3	DOWNSAMPLING IN CROSS-COMPONENT LINEAR MODELING
640	pending	CN	202080091281.X	BITSTREAM SYNTAX FOR CHROMA CODECS
641	pending	US	17/883,082	DEBLOCKING FILTERING AT CODING BLOCK OR SUBBLOCK BOUNDARY
642	pending	EP	20865940.9	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING

643	granted	US	17/968,510	CROSS-COMPONENT CODING OF 4:2:0 OR 4:2:2 VIDEO
644	granted	CN	201980068531.5	JUXTAPOSED LOCAL ILLUMINATION COMPENSATION AND INTRA-FRAME BLOCK COPY CODECS
645	pending	CN	202311757188.X	MOTION VECTOR ACCURACY IN MERGE MODE WITH MOTION VECTOR DIFFERENCE
646	pending	CN	202080077079.1	CROSS-COMPONENT ADAPTIVE LOOP FILTER
647	granted	CN	201910828199.X	A FAST CODING METHOD FOR INTERLEAVING PREDICTIONS
648	pending	CN	202080090435.3	A HIGH-LEVEL SYNTAX FOR INTER-FRAME PREDICTION USING GEOMETRIC SEGMENTATION
649	pending	KR	10-2020-7037940	INTERACTION BETWEEN IBC AND ATMVP
650	pending	PH	1-2021-552631	CONTEXT CODING FOR TRANSFORM SKIP MODE
651	pending	ID	P00202103716	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
652	granted	TW	108118968	CONCEPT OF INTERWEAVED PREDICTION
653	pending	CN	202180024092.5	DECODED PICTURE BUFFER MEMORY ALLOCATION AND PICTURE OUTPUT IN SCALABLE VIDEO CODECS
654	granted	CN	202080052803.5	PATTERN DETERMINATION FOR PALETTE MODE CODECS
655	pending	EP	23214088.9	BUFFER MANAGEMENT IN SUBPICTURE DECODING
656	pending	CN	202311518032.6	VIRTUAL PREDICTION BUFFER FOR INTRA-FRAME BLOCK REPLICATION IN VIDEO CODECS
657	pending	MX	MX/A/2022/011426	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
658	pending	JP	2023-182535	CONDITIONAL IMPLEMENTATION OF MOTION CANDIDATE LIST CONSTRUCTION PROCESS
659	pending	IN	202247039473	CONSTRAINTS ON VALUE RANGES IN VIDEO BITSTREAMS
660	pending	JP	2023-154050	INTRA VIDEO CODING USING MULTIPLE REFERENCE FILTERS
661	granted	JP	2022-559413	SLICE TYPE IN VIDEO CODING
662	pending	US	17/470,095	COMBINED SCREEN CONTENT CODING MODE
663	granted	TW	108119611	SHAPE OF EQT SUBBLOCK
664	granted	US	17/166,682	CONSTRAINTS FOR USAGE OF UPDATED MOTION INFORMATION
665	pending	CN	202180022888.7	USE OF SUB-PICTURE INFORMATION IN VIDEO CODECS

666	pending	IN	202247073294	DECODED PICTURE BUFFER MANAGEMENT AND SUBPICTURES IN VIDEO CODING
667	pending	US	17/373,010	MERGE WITH MVD BASED ON GEOMETRY PARTITION
668	granted	CN	202080036158.8	USE OF QUANTIZATION BYPASS MODE FOR TRANSFORMATION OF MULTIPLE COLOR COMPONENTS
669	granted	JP	2020-568386	PARTIAL COST CALCULATION
670	pending	CN	202211599587.3	SIMPLIFIED ENTROPY CODING AND DECODING OF SUBBLOCK-BASED MOTION INFORMATION LISTS
671	granted	CN	202080030909.5	CONTEXTUAL MODELING AND SELECTION OF MULTIPLE TRANSFORMATION MATRICES
672	pending	US	18/171,818	GEOMETRIC PARTITIONING MODE IN VIDEO CODING
673	pending	JP	2023-100145	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
674	pending	CN	202080089302.4	NOTIFICATION OF PARAMETERS IN THE VIDEO BITSTREAM WITH SUB-PICTURE LEVEL SIGNALING
675	pending	CN	202080066274.4	HIGH-PRECISION TRANSFORMS AND QUANTIZATION FOR IMAGE AND VIDEO CODECS
676	pending	JP	2022-549960	SLICE AND TILE PARTITIONING IN VIDEO CODING
677	granted	US	17/237,402	STORAGE OF MOTION INFORMATION FOR AFFINE MODE
678	granted	CN	201910488492.6	GENERALIZED TRINOMIAL TREE (GTR)
679	pending	KR	10-2022-7034355	COEFFICIENTS CODING IN TRANSFORM SKIP MODE
680	pending	EP	21760244.0	PARTITION CALCULATION BASED ON SUBPICTURE LEVEL
681	granted	IN	202147009521	MODIFICATION OF MOTION VECTOR WITH ADAPTIVE MOTION VECTOR RESOLUTION
682	pending	KR	10-2023-7038844	HARMONIZATION OF LINEAR MODE PREDICTION IN VIDEO CODING
683	granted	RU	2021121885	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
684	granted	US	17/353,661	INDICATION OF TWO STEP CROSS-COMPONENT PREDICTION MODE
685	granted	CN	201911054039.0	OVERLAPPING BLOCK MOTION COMPENSATION WITH MOTION INFORMATION DERIVED FROM NEIGHBORHOODS
686	pending	KR	10-2021-7000093	BLOCK SIZE RESTRICTIONS FOR DMVR

687	pending	US	18/485,513	MINIMUM ALLOWED QUANTIZATION FOR TRANSFORM SKIP BLOCKS IN VIDEO CODING
688	pending	MX	MX/A/2022/015676	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
689	pending	EP	20840191.9	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
690	pending	CN	202410270347.1	COMBINING WEIGHTS IN INTER-FRAME INTRA-FRAME PREDICTION MODELS
691	pending	CN	202080035365.1	CODEC TOOL WITH REFERENCE IMAGE RESAMPLING
692	granted	MX	MX/A/2022/003765	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM
693	granted	CN	201910663403.7	MOTION PREDICTION BASED ON UPDATED MOTION VECTORS
694	granted	RU	2022102907	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
695	pending	CN	202080062132.0	EXTENSION OF INTRA-FRAME CODING MODES IN VIDEO CODING
696	pending	CN	202180036440.0	INDICATION OF END OF SEQUENCE IN CODEC VIDEO
697	granted	CN	202080059763.7	RESIDUAL COEFFICIENT CODING AND DECODING
698	granted	US	17/727,542	SIGNALING FOR REFERENCE PICTURE RESAMPLING
699	pending	EP	20790449.1	GRADIENT CALCULATION IN DIFFERENT MOTION VECTOR REFINEMENTS
700	pending	CN	202311333324.2	CONSTRAINTS ON MODEL-BASED SHAPING IN VIDEO PROCESSING
701	pending	CN	202080012359.4	INTERACTION BETWEEN MV ACCURACY AND MV DIFFERENTIAL CODING AND DECODING
702	granted	MX	MX/A/2021/010498	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
703	pending	EP	20864802.2	QUANTIZATION PARAMETER DERIVATION FOR PALETTE MODE
704	granted	US	17/534,968	DIFFERENCE CALCULATION BASED ON PARTIAL POSITION
705	pending	US	17/405,421	REGRESSION-BASED MOTION VECTOR FIELD BASED SUB-BLOCK MOTION VECTOR DERIVATION
706	granted	JP	2022-503412	RESTRICTIONS OF USAGE OF TOOLS ACCORDING TO REFERENCE PICTURE TYPES
707	pending	US	18/295,568	SYNTAX ELEMENT FOR CHROMA RESIDUAL SCALING

708	granted	JP	2022-518189	SETTING INTRA-BLOCK COPY VIRTUAL BUFFER BASED ON VIRTUAL PIPELINE DATA UNIT
709	pending	CN	202080043085.5	SUBBLOCK-BASED IN-FRAME BLOCK REPLICATION
710	granted	US	17/569,390	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
711	granted	JP	2022-503888	QUANTIZATION PROCESS FOR PALETTE MODE
712	pending	KR	10-2022-7001472	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
713	pending	KR	10-2022-7005302	CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
714	pending	BR	BR112022006387-3	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM
715	pending	PH	1-2022-550024	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
716	granted	US	17/399,839	ON ADAPTIVE LOOP FILTERING FOR VIDEO CODING
717	granted	US	17/406,359	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
718	pending	IN	202247021984	PREDICTION TYPE SIGNALING IN VIDEO CODING
719	granted	CN	202080042532.5	SIGNIFICANT FACTOR SIGNALING IN VIDEO CODECS
720	granted	US	17/502,258	INTERACTIONS AMONG MULTIPLE INTRA CODING METHODS
721	granted	TW	108119988	SIGNALED MV PRECISION
722	granted	US	17/338,552	INTRA PREDICTION USING POLYNOMIAL MODEL
723	pending	RU	2022114808	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
724	pending	BR	BR112021023918-9	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION
725	pending	JP	2023-222363	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
726	pending	US	18/508,721	CONSTRAINTS FOR VIDEO CODING AND DECODING
727	pending	JP	2023-198738	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA PREDICTION
728	granted	US	17/207,060	UTILIZATION OF NON-SUB BLOCK SPATIAL-TEMPORAL MOTION VECTOR PREDICTION IN INTER MODE
729	granted	CN	201980004129.0	METHODS, APPARATUSES AND STORAGE MEDIA FOR VIDEO PROCESSING

730	granted	AU	2020316506	QUANTIZATION PROCESS FOR PALETTE MODE
731	pending	MY	PI2022001529	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
732	pending	BR	BR112022021916-4	ENTROPY CODING FOR MOTION PRECISION SYNTAX
733	pending	JP	2023-150924	MATRIX DERIVATION IN INTRA CODING MODE
734	pending	JP	2022-556152	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
735	pending	SG	11202204648S	CROSS-COMPONENT ADAPTIVE LOOP FILTER
736	granted	IN	202127020186	ROUNDING IN PAIRWISE AVERAGE CANDIDATE CALCULATIONS
737	pending	KR	10-2022-7020664	SUBPICTURE SIGNALING IN VIDEO CODING
738	pending	EP	20773739.6	CALCULATION OF PREDICATION REFINEMENT BASED ON OPTICAL FLOW
739	granted	US	17/031,125	CONDITION DEPENDENT INTER PREDICTION WITH GEOMETRIC PARTITIONING
740	pending	US	18/330,131	SIGNALING FOR REFERENCE PICTURE RESAMPLING
741	pending	EP	19888228.4	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
742	pending	CN	202080077108.4	DERIVATION OF LINEAR PARAMETERS IN CROSS-COMPONENT VIDEO CODING AND DECODING
743	granted	US	17/342,951	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
744	granted	US	17/071,084	USAGE OF LUTS
745	granted	KR	10-2021-7032761	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
746	granted	CN	202080020813.0	MOTION VECTOR REFINEMENT IN VIDEO CODECS
747	pending	JP	2023-194599	POSITION-BASED COEFFICIENTS SCALING
748	granted	KR	10-2021-7043336	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
749	pending	IN	202227059565	CROSS-COMPONENT CODING OF 4:2:0 OR 4:2:2 VIDEO
750	granted	JP	2021-551763	RESTRICTIONS ON IN-LOOP FILTERING
751	pending	US	17/735,435	CROSS-COMPONENT ADAPTIVE LOOP FILTER
752	pending	MY	PI2022000273	CLASSIFICATION IN ADAPTIVE LOOP FILTERING

753	pending	RU	2022103362	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
754	granted	US	17/992,181	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
755	pending	JP	2023-076813	CONTEXT MODELING AND SELECTION OF MULTIPLE TRANSFORM MATRIX
756	pending	TH	2101008262	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
757	pending	EP	20906045.8	SUBPICTURE SIGNALING IN VIDEO CODING
758	pending	RU	2021129744	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
759	granted	US	17/682,751	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODING
760	granted	KR	10-2021-7035446	CONDITIONS FOR APPLICABILITY OF CROSS-COMPONENT CODING
761	granted	MX	MX/A/2021/008916	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
762	granted	CN	201910718738.4	CROPPING OF UPDATED MVS OR DERIVED MVS
763	pending	EP	21753418.9	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
764	pending	JP	2022-521585	HIGH LEVEL SYNTAX FOR VIDEO CODING TOOLS
765	pending	EP	21756911.0	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
766	granted	CN	201980075595.8	MERGE WITH MVD FOR IMITATION
767	granted	GB	2102253.8	SIMPLIFIED CROSS COMPONENT PREDICTION
768	granted	GB	2018864.5	MODE DEPENDENT MVD PRECISION SET
769	pending	US	17/993,241	SIZE RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
770	granted	US	17/346,568	INTER PREDICTION WITH REFINEMENT IN VIDEO PROCESSING
771	pending	CN	202080066590.1	COMBINED INTERFRAME INTRAFRAME PREDICTION BASED ON TRANSFORMED UNITS
772	granted	TW	108133896	MULTIPLE PREDICTION BLOCKS FOR ONE INTRA-CODED BLOCK
773	granted	US	17/965,590	GENERAL CONSTRAINT INFORMATION IN VIDEO CODING
774	pending	KR	10-2022-7006948	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
775	pending	US	17/386,510	PREDICTION USING EXTRA-BUFFER SAMPLES FOR INTRA BLOCK COPY IN VIDEO CODING

776	pending	US	17/376,001	REFINED QUANTIZATION STEPS IN VIDEO CODING
777	pending	EP	20863794.2	PALETTE PREDICTOR SIZE ADAPTATION IN VIDEO CODING
778	granted	KR	10-2021-7041671	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
779	pending	CN	202080040213.0	CONTROLLING CODEC MODE USING CODEC TREE STRUCTURE TYPES
780	granted	JP	2021-578161	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
781	pending	EP	20806602.7	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
782	pending	IN	202247060223	CONSTRAINTS ON REFERENCE PICTURE LISTS
783	granted	MX	MX/A/2020/013829	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
784	granted	US	17/406,315	CONTEXT MODELING AND SELECTION OF MULTIPLE TRANSFORM MATRIX
785	granted	US	17/992,236	HANDLING OF CODED VIDEO IN SUB-BITSTREAM EXTRACTION PROCESS
786	pending	US	18/345,608	MULTI-MODELS FOR INTRA PREDICTION
787	pending	EP	20900340.9	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
788	pending	KR	10-2021-7012176	SIMPLIFICATION OF COMBINED INTER-INTRA PREDICTION
789	pending	CN	202180040646.0	IN-FRAME BLOCK COPYING USING NON-IMMEDIATELY ADJACENT NEIGHBORING BLOCKS
790	pending	IN	202247071766	HANDLING DIFFERENT NAL TYPES IN VIDEO SUB-BITSTREAM EXTRACTION
791	granted	JP	2022-109489	BLOCK SIZE RESTRICTIONS FOR DMVR
792	pending	US	17/386,430	BUFFER RESETTING FOR INTRA BLOCK COPY IN VIDEO CODING
793	pending	EP	20880736.2	SYNTAX SIGNALING AND PARSING BASED ON COLOUR COMPONENT
794	pending	KR	10-2022-7022227	SIGNALLING OF THE PRESENCE OF INTER-LAYER REFERENCE PICTURES
795	pending	EP	19880847.9	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
796	pending	EP	19740074.0	EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
797	pending	CN	202180029353.2	LIMITATIONS ON THE USE OF CROSS-COMPONENT PREDICTION
798	granted	TW	108123182	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO

799	pending	JP	2022-563092	USE RESTRICTIONS FOR CROSS-COMPONENT PREDICTION
800	pending	EP	21771751.1	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
801	pending	CN	202180008704.1	SIGNALING NOTIFICATION FOR WAVEFRONT PARALLEL PROCESSING
802	pending	CN	202311517694.1	INTRA-FRAME CODEC VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODECS
803	pending	IN	202147059825	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
804	pending	VN	1-2022-02117	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
805	pending	CN	202180040157.5	SIGNALING NOTIFICATION OF GENERIC CONSTRAINT INFORMATION
806	pending	IN	202227047322	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
807	pending	JP	2024-000249	SLICE TYPE IN VIDEO CODING
808	pending	MX	MX/A/2022/006015	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
809	pending	CN	201911007809.6	REFINEMENT OF THE UTILIZATION OF MOTION VECTORS
810	pending	CN	201980083817.0	MOTION VECTOR DERIVATION USING HIGHER BIT DEPTH ACCURACY
811	pending	CN	201980087391.6	INTERACTION BETWEEN MERGE AND AMVR WITH MVDS
812	pending	CN	202180039485.3	PALETTE MODE WITH LOCAL DUAL-TREE MODE TYPE DEFINITION
813	pending	SG	11202105759Q	CONTEXT-BASED INTRA PREDICTION
814	pending	MX	MX/A/2021/012230	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
815	granted	CN	201980077186.1	IMITATION INHERITANCE METHODS IN THE IN-BLOCK COPY SCHEMA
816	pending	US	18/510,269	PROFILE TIER LEVEL PARAMETER SET IN VIDEO CODING
817	pending	IN	202027057056	BLOCK SIZE RESTRICTIONS FOR DMVR
818	pending	US	18/523,118	SUBPICTURE SIGNALING IN VIDEO CODING
819	pending	CN	201980077114.7	CONFIGURATION METHODS FOR DEFAULT MOTION CANDIDATES
820	pending	CN	202080056882.7	MOTION ACCURACY IN SUBBLOCK-BASED INTERFRAME PREDICTION
821	granted	US	16/951,137	CONCEPT OF INTERWEAVED PREDICTION
822	pending	US	18/528,070	INTERACTION BETWEEN IBC AND AFFINE
823	granted	US	18/076,886	CONSTRAINTS OF SLICE COUNT IN A CODED VIDEO PICTURE

824	pending	CN	202311301312.1	SIGNALING OF SYNTACTIC ELEMENTS FOR JOINT CODING AND DECODING OF CHROMATIC RESIDUALS
825	granted	CN	201910585777.1	EMM MODE SIGNALING
826	pending	CA	3147923	QUANTIZATION PROCESS FOR PALETTE MODE
827	granted	TW	108124968	BLOCK SIZE RESTRICTIONS FOR VIDEO CODING
828	granted	US	17/727,486	CALCULATION FOR MULTIPLE CODING TOOLS
829	granted	CN	201910591536.8	RULES FOR UPDATING LOOKUP TABLES
830	pending	CN	202080066591.6	SCALING METHOD FOR INTER-FRAME PREDICTION BASED ON SUB-BLOCKS
831	pending	CN	202310308740.0	A METHOD AND APPARATUS FOR PROCESSING VIDEO DATA
832	granted	TW	108123325	HMVP + NON-ADJACENT MOTION
833	pending	CN	202311277787.1	SELECTIVE USE IN CROSS-COMPONENT MODES IN VIDEO CODECS
834	granted	US	17/675,756	RESIDUAL CODING FOR TRANSFORM SKIPPED BLOCKS
835	pending	BR	BR112022025443-1	SIGNALING OF QUANTIZATION INFORMATION IN CODED VIDEO
836	pending	CN	202080043774.6	SCREEN CONTENT CODING AND DECODING ACCORDING TO THE INTERACTION WITH MOTION INFORMATION
837	granted	US	17/154,639	BANDWIDTH CONTROL METHODS FOR INTER PREDICTION
838	granted	US	17/989,399	ORDERING OF NAL UNITS IN CODED VIDEO
839	granted	US	17/090,199	CROSS-COMPONENT CODING ORDER DERIVATION
840	pending	KR	10-2022-7023018	CONSTRAINTS FOR VIDEO CODING AND DECODING
841	granted	CN	201980083358.6	REFERENCE PIXEL FILL FOR MOTION COMPENSATION
842	pending	JP	2022-556151	ORDER RELATIONSHIP BETWEEN SUBPICTURES
843	pending	US	18/071,335	PALETTE MODE WITH LOCAL DUAL TREE MODETYPE DEFINITION
844	granted	CN	202080036230.7	ADAPTIVE RESOLUTION CHANGE IN VIDEO CODECS
845	pending	KR	10-2022-7035276	CONSTRAINTS ON REFERENCE PICTURE LISTS
846	pending	JP	2021-523511	COMPLEXITY REDUCTION IN PARAMETER DERIVATION FOR INTRA PREDICTION
847	granted	JP	2022-554449	HIGH LEVEL BITSTREAM SYNTAX FOR QUANTIZATION PARAMETERS

848	pending	JP	2021-569246	PALETTE MODE WITH INTRA BLOCK COPY PREDICTION
849	pending	MX	MX/A/2022/001244	SIZE RESTRICTION BASED ON COLOR FORMAT
850	granted	US	17/087,154	MOTION CANDIDATES FOR INTER PREDICTION
851	pending	KR	10-2021-7027093	SIGNALING OF RESHAPING INFORMATION IN VIDEO PROCESSING
852	granted	US	17/330,945	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND PALETTE MODE
853	pending	CN	202180023931.1	CONTROLLING DIFFERENT LEVELS OF DEBLOCKING FILTERING IN CODEC VIDEO
854	pending	US	18/358,747	HARMONIZED LOCAL ILLUMINATION COMPENSATION AND MODIFIED INTER CODING TOOLS
855	pending	KR	10-2022-7026964	CODING OF PICTURES CONTAINING SLICES AND TILES
856	pending	KR	10-2022-7008924	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
857	pending	EP	21808176.8	HANDLING OF CODED VIDEO IN SUB-BITSTREAM EXTRACTION PROCESS
858	pending	CN	202080066069.8	QUANTIZATION PARAMETER DERIVATION FOR PALETTE MODE
859	granted	CN	202080037225.8	SIMPLIFIED LOCALIZED LIGHTING COMPENSATION
860	pending	EP	20873315.4	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
861	granted	TW	108121368	MULTI-CANDIDATES OF DIFFERENT PRECISIONS
862	granted	CN	201910545235.1	IMPROVED BOUNDARY SEGMENTATION
863	pending	CN	202180039440.6	CONSTRAINT SIGNALING USING GENERIC CONSTRAINT MESSAGE SYNTAX ELEMENTS
864	pending	KR	10-2021-7023140	CONFIGURING LUMA-DEPENDENT CHROMA RESIDUE SCALING FOR VIDEO CODING
865	pending	US	18/322,428	USING QUANTIZATION GROUPS IN VIDEO CODING
866	pending	JP	2023-127153	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
867	pending	KR	10-2022-7043507	ORDERING OF NAL UNITS IN CODED VIDEO
868	pending	CN	202080012070.2	PREDICTION OF INTRAFRAME BUFFER SAMPLE POINTS USING INTRAFRAME BLOCK REPLICATION FOR VIDEO CODECS
869	granted	IN	202147024438	CONTEXT-BASED INTRA PREDICTION
870	pending	EP	21779320.7	SLICE TYPE IN VIDEO CODING

871	granted	CN	202080008893.8	INTERACTION BETWEEN LUTS AND SHARED MERGE LISTS
872	granted	CN	202080033872.1	CHROMA DE-CUBE COORDINATION FOR VIDEO CODECS
873	pending	SG	11202260459R	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
874	pending	KR	10-2022-7027450	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
875	pending	US	17/810,187	BITSTREAM SYNTAX FOR CHROMA CODING
876	granted	CN	201980076712.2	CONSTRUCTION METHOD FOR INTER-FRAME PREDICTION WITH GEOMETRIC SEGMENTATION
877	pending	US	17/554,696	RESTRICTION ON NUMBER OF CONTEXT CODED BINS
878	pending	IN	202227053713	INTRA BLOCK COPY BUFFER AND PALETTE PREDICTOR UPDATE
879	pending	CN	202080091423.2	CLUSTERING-BASED COLOR PALETTE PATTERNS FOR VIDEO CODECS
880	granted	JP	2021-564118	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
881	granted	TW	108119600	INTERACTION OF ASYMMETRIC WEIGHTED MERGES AND OTHER CODING TOOLS
882	granted	CN	202080028110.2	MATRIX-BASED COMPUTATION IN INTRA-FRAME PREDICTION
883	pending	CN	202211656192.2	DERIVATION OF TAILORING PARAMETERS IN ADAPTIVE LOOP FILTERS
884	granted	US	17/732,813	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING
885	pending	EP	19740071.6	WHICH LUT TO BE UPDATED OR NO UPDATING
886	granted	US	17/667,380	SUBPICTURE SIZE DEFINITION IN VIDEO PROCESSING
887	granted	MX	MX/A/2021/005654	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
888	pending	KR	10-2022-7031493	COMBINATION OF SUBPICTURES AND SCALABILITY
889	pending	JP	2023-189119	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
890	pending	EP	20748695.2	EXTENDED APPLICATION OF COMBINED INTRA-INTER PREDICTION
891	granted	US	17/892,746	SIGNALING OF SLICE AND TILE PICTURE PARTITIONS
892	pending	CN	202080085360.X	CROSS-COMPONENT PREDICTION USING MULTIPLE COMPONENTS

893	pending	US	18/301,846	POSITION-DEPENDENT INTRA PREDICTION SAMPLE FILTERING
894	pending	US	17/520,570	HMVP Table Improvements
895	pending	EP	20782973.0	DECODER SIDE MOTION VECTOR DERIVATION
896	granted	CN	201911032643.3	SIGNALING NOTIFICATION OF SPLIT MESSAGES
897	pending	CN	202080013765.2	MOTION CANDIDATE LIST CONSTRUCTION FOR INTRAFRAME BLOCK COPY (IBC) MODE AND NON-IBC INTERFRAME MODE
898	pending	US	17/949,074	CODING OF NEIGHBORING SUBPICTURES
899	pending	BR	BR112022000794-9	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
900	granted	CN	201910792768.X	COMBINED HISTORY-BASED MOTION VECTOR PREDICTORS AND MULTIMOTION MODEL DECODING
901	pending	CN	202180041836.4	SUB-BITSTREAM EXTRACTION FOR MULTILAYER VIDEO BITSTREAMS
902	pending	VN	1-2021-04611	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
903	pending	JP	2024-010643	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
904	granted	CN	201910637509.X	EXTENDING LOOKUP TABLE-BASED MOTION VECTOR PREDICTION WITH TEMPORAL INFORMATION
905	granted	CN	201910907742.5	EXTENDING THE MERGE FORECAST
906	pending	IN	202227074501	SIGNALING OF QUANTIZATION INFORMATION IN CODED VIDEO
907	pending	EP	19739718.5	INTERACTION BETWEEN LUT AND AMVP
908	granted	CN	202080038079.0	ADAPTIVE MOTION VECTOR DIFFERENTIAL RESOLUTION IN AFFINE MODE
909	pending	CN	202180037155.0	SIGNALING OF GENERIC CONSTRAINT FLAGS
910	granted	RU	2021125577	JOINT CODING OF PALETTE MODE USAGE INDICATION
911	pending	CN	202180025201.5	VIDEO CODEC USING ADAPTIVE PARAMETER SETS
912	pending	US	17/490,220	EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
913	pending	CN	202311511214.0	TWO-PART SIGNALING FOR ADAPTIVE LOOP FILTERS IN VIDEO CODECS
914	pending	JP	2023-076888	GEOMETRY PARTITIONS WITH HISTORY BASED MOTION VECTOR PREDICTION
915	granted	KR	10-2022-7007776	QUANTIZATION PARAMETER DERIVATION FOR PALETTE MODE
916	pending	IN	202147032152	EXTENDED APPLICATION OF COMBINED INTRA-INTER PREDICTION

917	pending	US	17/824,386	CROSS-COMPONENT ADAPTIVE FILTERING AND SUBBLOCK CODING
918	pending	SG	11202260851Q	SIGNALING OF GENERAL CONSTRAIN INFORMATION
919	pending	KR	10-2022-7013393	SYNTAX SIGNALING AND PARSING BASED ON COLOUR COMPONENT
920	granted	GB	2103471.5	EXTENDED MERGE PREDICTION
921	pending	US	17/861,728	CONSTRAINTS FOR VIDEO CODING AND DECODING
922	pending	JP	2024-039105	SIGNALING OF SLICE AND TILE PICTURE PARTITIONS
923	granted	ZA	2021/03316	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
924	granted	CN	201980080547.8	VIDEO PROCESSING METHOD, APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM
925	pending	TH	2101006401	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
926	pending	CN	202310538021.8	COMBINED HISTORY-BASED MOTION VECTOR PREDICTORS AND MULTIMOTION MODEL DECODING
927	pending	IN	202147006237	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
928	pending	CN	201980068715.1	JUXTAPOSITION BETWEEN DECODER-SIDE MOTION VECTOR DERIVATION AND OTHER CODEC TOOLS
929	pending	CN	202180009720.2	ADAPTIVE COLOR TRANSFORMATION IN IMAGE/VIDEO CODECS
930	granted	JP	2022-513061	SUB-PARTITIONING IN INTRA CODING
931	pending	KR	10-2021-7032310	MATRIX DERIVATION IN INTRA CODING MODE
932	granted	US	17/011,131	INTERACTION BETWEEN IBC AND ATMVP
933	pending	EP	21756578.7	SLICE AND TILE PARTITIONING IN VIDEO CODING
934	pending	CN	202080044963.5	LIMITATIONS ON THE NUMBER OF BINARY BITS FOR CONTEXTUAL CODECS
935	granted	CN	201980073733.9	SIDE INFORMATION SIGNALING WITH GEOMETRICALLY SEGMENTED INTER-FRAME PREDICTION
936	pending	CA	3135968	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
937	pending	BR	BR112022005150-6	QUANTIZATION PARAMETER DERIVATION FOR PALETTE MODE
938	granted	US	17/150,256	UNEQUAL WEIGHTED SAMPLE AVERAGES FOR BILATERAL FILTER

939	granted	TW	108130510	OVERLAPPED BLOCK MOTION COMPENSATION USING SPATIAL NEIGHBORS
940	granted	TW	108134496	BI-PREDICTION WITH WEIGHTS IN VIDEO CODING AND DECODING
941	pending	CN	202080081213.5	DIFFERENTIAL MERGE WITH MOTION VECTORS IN AFFINE MODE
942	granted	US	17/898,051	CONSTRAINS FOR HIGH LEVEL SYNTAX ELEMENTS
943	granted	TW	108134302	CONSTRUCTION FOR MOTION CANDIDATES LIST
944	pending	KR	10-2022-7036389	CONDITIONAL SIGNALING OF VIDEO CODING SYNTAX ELEMENTS
945	pending	KR	10-2022-7001296	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
946	pending	JP	2023-150874	MATRIX-BASED INTRA PREDICTION USING FILTERING
947	pending	EP	20881100.0	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING
948	pending	KR	10-2021-7012420	SIDE INFORMATION SIGNALING FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
949	granted	US	17/401,447	RESTRICTIONS OF USAGE OF NON-POWER-TWO-PARTITION TREE IN VIDEO COMPRESSION
950	pending	ID	P00202106942	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
951	pending	PH	1-2021-551732	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
952	pending	EP	23213827.1	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
953	granted	GB	2018255.6	INTERACTION BETWEEN IBC AND AFFINE
954	pending	US	17/540,980	IMPLICIT SELECTION OF TRANSFORM CANDIDATES
955	granted	JP	2022-548757	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO TILES
956	granted	RU	2021121919	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
957	granted	CN	201910866533.0	HOW MANY HMVP CANDIDATES TO CHECK?
958	granted	US	17/824,304	SIMPLIFIED INTER PREDICTION WITH GEOMETRIC PARTITIONING
959	granted	JP	2021-559284	CALCULATION IN MATRIX-BASED INTRA PREDICTION
960	pending	BR	BR112022012708-1	CONSTRAINTS ON SIGNALING OF HYPOTHETICAL REFERENCE DECODER PARAMETERS IN VIDEO BITSTREAMS

961	pending	US	17/551,392	INTERACTION BETWEEN SCREEN CONTENT CODING TOOLS AND MOTION INFORMATION
962	pending	IN	202147051823	ADAPTIVE LOOP FILTERING FOR CHROMA COMPONENTS
963	granted	US	16/993,487	PARAMETER DERIVATION FOR INTRA PREDICTION
964	pending	US	18/521,244	CONSTRAINTS ON ADAPTATION PARAMETER SET SYNTAX ELEMENTS
965	granted	US	16/993,598	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
966	granted	CN	202080052734.8	QUANTIZATION OF THE COLOR PALETTE MODEL
967	granted	CN	202080018114.2	SEQUENCE-BASED UPDATE FOR INTRA-FRAME BLOCK REPLICATION IN VIDEO CODECS
968	pending	SG	11202253893T	SIGNALING FOR INTER PREDICTION IN HIGH LEVEL SYNTAX
969	pending	US	17/389,200	INTERACTION BETWEEN MV PRECISIONS AND MV DIFFERENCE CODING
970	pending	JP	2022-561403	MINIMUM ALLOWED QUANTIZATION FOR TRANSFORM SKIP BLOCKS IN VIDEO CODING
971	granted	JP	2022-505205	BLOCK SIZE DEPENDENT USE OF VIDEO CODING MODE
972	pending	CA	3131031	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
973	pending	CN	202080045728.X	MOTION CANDIDATE LIST CONSTRUCTION FOR IN-FRAME BLOCK COPY MODE
974	pending	US	18/518,024	CROSS-COMPONENT ADAPTIVE LOOP FILTER
975	pending	JP	2023-166053	BITSTREAM CONFORMANCE CONSTRAINTS FOR INTRA BLOCK COPY IN VIDEO CODING
976	pending	US	18/501,497	INTRA CODED VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODING
977	pending	US	18/366,339	MULTIPLE HYPOTHESIS FOR SUB-BLOCK PREDICTION BLOCKS
978	granted	US	17/848,525	CONSTRAINTS ON SIGNALING OF HYPOTHETICAL REFERENCE DECODER PARAMETERS IN VIDEO BITSTREAMS
979	pending	ID	P00202200878	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
980	granted	US	17/898,073	CONSTRAINS FOR DIFFERENT CODING TOOLS
981	granted	CN	202080030922.0	SUB-REGION BASED MOTION INFORMATION REFINEMENT DETERMINATION

982	pending	SG	11202104480R	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
983	pending	IN	202247007137	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
984	pending	CN	202311403516.6	OPTIONAL INTERPOLATION FILTERS IN VIDEO CODING
985	pending	KR	10-2022-7043528	NUMBER RESTRICTION FOR SUBLAYERS
986	pending	VN	1-2022-01614	Method and apparatus for processing video data
987	pending	KR	10-2022-7028388	REFERENCE PICTURE INFORMATION SIGNALLING IN A VIDEO BITSTREAM
988	pending	US	17/990,273	IDENTIFICATION OF INTER-LAYER REFERENCE PICTURES IN CODED VIDEO
989	pending	CN	202180026286.9	VIDEO CODECS USING PARAMETER SETS
990	granted	CN	201980005125.4	COMBINING WEIGHTS IN INTER-FRAME INTRA-FRAME PREDICTION MODELS
991	granted	US	17/199,925	INDICATION METHOD OF MAXIMUM NUMBER OF CANDIDATES
992	granted	CN	201910468418.8	APPLICATIONS OF INTERLEAVING PREDICTION
993	granted	US	17/117,558	AFFINE MODE CALCULATIONS FOR DIFFERENT VIDEO BLOCK SIZES
994	pending	JP	2022-556150	USE OF SUBPICTURE INFORMATION IN VIDEO CODING
995	pending	SG	11202201375X	MOTION PRECISION IN SUB-BLOCK BASED INTER PREDICTION
996	pending	ID	P00202200781	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
997	granted	US	17/502,202	CODING MODE BASED ON A CODING TREE STRUCTURE TYPE
998	pending	KR	10-2024-7000656	INVOKE OF LUT UPDATING
999	pending	KR	10-2021-7038217	PALETTE MODE WITH INTRA BLOCK COPY PREDICTION
1000	pending	CN	202080061396.4	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODECS
1001	pending	SG	11202205687R	SIMPLIFIED INTER PREDICTION WITH GEOMETRIC PARTITIONING
1002	pending	KR	10-2022-7006966	SCALING WINDOW IN VIDEO CODING
1003	pending	US	18/492,944	CLIPPING IN REFERENCE PICTURE RESAMPLING
1004	pending	VN	1-2022-01956	Method and apparatus for processing video data and computer-readable medium
1005	granted	US	17/502,233	INTRA CODED VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODING
1006	granted	CN	202080008242.9	CONTROL METHOD FOR MERGE WITH MVDS

1007	pending	KR	10-2020-7037975	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS
1008	granted	US	17/992,246	SUBPICTURE SUB-BITSTREAM EXTRACTION IMPROVEMENTS
1009	pending	SG	11202253019N	HIGH LEVEL BITSTREAM SYNTAX FOR QUANTIZATION PARAMETERS
1010	granted	JP	2021-523108	RESETTING OF LOOK UP TABLE PER SLICE/TILE/LCU ROW
1011	granted	CN	202080008062.0	MMVD IMPROVEMENTS
1012	pending	CN	202311354527.X	SIGNALING NOTIFICATION FOR CHROMATICITY RESIDUAL SCALING
1013	pending	CN	202080082076.7	CROSS-COMPONENT ADAPTIVE FILTERING AND SUB-BLOCK CODING AND DECODING
1014	pending	SG	11202202106U	CODING MODE DETERMINATION BASED ON COLOR FORMAT
1015	pending	BR	BR112022018880-3	ORDER RELATIONSHIP BETWEEN SUBPICTURES
1016	pending	IN	202147046470	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
1017	granted	IN	202227055946	VIDEO CODING USING PARAMETER SETS
1018	granted	CN	201910487915.2	ASYMMETRICALLY WEIGHTED BIDIRECTIONAL PREDICTION MERGE
1019	pending	MY	PI2021006213	CONTEXT CODING FOR TRANSFORM SKIP MODE
1020	pending	EP	19888222.7	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
1021	granted	US	18/083,965	INTER LAYER PREDICTION WITH DIFFERENT CODING BLOCK SIZE
1022	granted	US	18/078,641	HANDLING OF SUPPLEMENTAL ENHANCEMENT INFORMATION IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
1023	granted	CN	202080061451.X	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODECS
1024	pending	ID	P00202108746	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
1025	pending	US	18/469,230	PALETTE MODE WITH INTRA BLOCK COPY PREDICTION
1026	granted	JP	2022-517817	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
1027	granted	US	16/998,258	CONDITIONS FOR UPDATING LUTS
1028	granted	CN	201980084499.X	MESSAGE SIGNALING NOTIFICATION IN CURRENT PICTURE REFERENCE MODE

1029	pending	IN	202227068994	REFERENCE PICTURE LIST SIGNALING IN VIDEO CODING
1030	pending	US	17/860,634	SIGNALLING OF THE PRESENCE OF INTER-LAYER REFERENCE PICTURES
1031	granted	US	17/183,790	PRUNING IN MULTI-MOTION MODEL BASED SKIP AND DIRECT MODE CODED VIDEO BLOCKS
1032	granted	CN	201910889167.0	HISTORY-BASED MOTION VECTOR PREDICTIONS FOR IN-FRAME BLOCK REPLICATION
1033	granted	US	17/842,025	JOINT USE OF ADAPTIVE COLOUR TRANSFORM AND DIFFERENTIAL CODING OF VIDEO
1034	pending	JP	2022-573429	PALETTE MODE WITH LOCAL DUAL TREE MODETYPE DEFINITION
1035	granted	US	17/354,282	MULTI-PARAMETER ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
1036	pending	KR	10-2022-7027174	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO SLICES
1037	pending	CN	201980079467.0	REDUCES STORAGE WITHIN THE CTU REQUIRED FOR AFFINE INHERITANCE
1038	granted	US	17/945,273	CONSTRAINTS ON REFERENCE PICTURE ORDER
1039	pending	IN	202247013826	CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
1040	pending	AR	20210100212	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
1041	granted	KR	10-2021-7025170	PARAMETER DERIVATION FOR INTRA PREDICTION
1042	granted	US	17/946,637	DECODED PICTURE BUFFER MEMORY ALLOCATION AND PICTURE OUTPUT IN SCALABLE VIDEO CODING
1043	pending	KR	10-2021-7029770	RESTRICTIONS ON ADAPTIVE-LOOP FILTERING PARAMETER SETS
1044	pending	JP	2023-148870	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
1045	pending	CN	202311458574.9	INTERACTION BETWEEN INTRA-BLOCK COPY MODE AND INTER-FRAME PREDICTION TOOLS
1046	pending	BR	BR112021025916-3	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
1047	pending	EP	20852949.5	MOTION PRECISION IN SUB-BLOCK BASED INTER PREDICTION
1048	pending	US	17/850,626	SUBPICTURE SIGNALING IN PARAMETER SETS
1049	pending	JP	2022-540684	CROSS COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODING
1050	pending	JP	2023-072498	INVOKE OF LUT UPDATING

1051	granted	CN	202080029821.1	REGION-BASED GRADIENT COMPUTATION IN DIFFERENT MOTION VECTOR REFINEMENTS
1052	pending	MX	MX/A/2021/012229	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
1053	pending	BR	BR112021020435-0	CONTEXT CODING FOR TRANSFORM SKIP MODE
1054	pending	JP	2022-522385	USING CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
1055	pending	PH	1-2021-552544	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
1056	pending	KR	10-2021-7027316	JOINT CODING OF PALETTE MODE USAGE INDICATION
1057	pending	EP	20788326.5	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
1058	pending	JP	2023-206900	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
1059	granted	CN	202080028965.5	MATRIX DERIVATION IN INTRA-FRAME CODEC MODE
1060	granted	MX	MX/A/2022/006734	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
1061	pending	JP	2022-539110	DECODING PARAMETER SETS IN VIDEO CODING
1062	pending	IN	202227004306	SIZE RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
1063	pending	US	17/961,413	MOTION VECTOR DIFFERENCE FOR BLOCK WITH GEOMETRIC PARTITION
1064	pending	MX	MX/A/2022/011208	USING VIDEO PARAMETER SET IN VIDEO CODING
1065	pending	KR	10-2021-7036262	BLOCK DIMENSION SETTINGS OF TRANSFORM SKIP MODE
1066	pending	IN	202127002086	RESETTING OF LOOK UP TABLE PER SLICE/TILE/LCU ROW
1067	granted	JP	2022-539114	SIGNALING OF DECODED PICTURE BUFFER PARAMETERS IN LAYERED VIDEO
1068	pending	VN	1-2021-05370	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-TRANSITORY COMPUTER-READABLE MEDIUM?
1069	granted	US	17/680,979	EXTENSIONS OF INTRA CODING MODES IN VIDEO CODING
1070	pending	EP	20814223.2	PALETTE MODE WITH INTRA BLOCK COPY PREDICTION

1071	pending	JP	2021-559287	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
1072	pending	KR	10-2021-7024205	SIZE SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
1073	granted	SG	11202114111T	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
1074	granted	TW	108133901	MODE DEPENDENT ADAPTIVE MOTION VECTOR RESOLUTION FOR AFFINE MODE CODING
1075	pending	EP	20904355.3	CONSTRAINTS ON SIGNALING OF HYPOTHETICAL REFERENCE DECODER PARAMETERS IN VIDEO BITSTREAMS
1076	pending	US	18/171,049	ON ADAPTIVE LOOP FILTERING FOR VIDEO CODING
1077	pending	US	17/872,571	TRANSFORM BYPASS CODED RESIDUAL BLOCKS IN DIGITAL VIDEO
1078	granted	CN	201910591979.7	INTERACTION BETWEEN LUT AND AMVP
1079	pending	US	18/511,582	AFFINE PREDICTION IMPROVEMENTS FOR VIDEO CODING
1080	granted	TW	108123342	LUTS WITH LIC
1081	pending	JP	2023-053264	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
1082	granted	CN	201980077067.6	SEPARATE CONSTRUCTION METHODS FOR BLOCK VECTOR LISTS IN IN-FRAME BLOCK COPY MODE
1083	pending	CN	202180026759.5	STRIP HEADER CONSTRAINTS ON JUXTAPOSED IMAGES
1084	pending	EP	21807811.1	ORDERING OF NAL UNITS IN CODED VIDEO
1085	granted	JP	2021-543115	CONTEXT FOR CODING AFFINE MODE ADAPTIVE MOTION VECTOR RESOLUTION
1086	pending	US	17/859,826	SIGNALLING OF HIGH LEVEL SYNTAX INDICATION
1087	pending	BR	BR112022004553-0	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
1088	pending	JP	2022-573732	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
1089	pending	EP	19739405.9	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
1090	pending	AU	2020263199	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
1091	pending	JP	2023-215928	SIGNALING OF PREDICTION WEIGHTS IN GENERAL CONSTRAINT INFORMATION OF A BITSTREAM
1092	pending	US	18/520,297	SIGNALING OF PREDICTION WEIGHTS IN GENERAL CONSTRAINT INFORMATION OF A BITSTREAM

1093	granted	AU	2020226565	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
1094	pending	JP	2023-194713	PALETTE MODE FOR LOCAL DUAL TREE
1095	granted	CN	202080041790.1	MOTION CANDIDATE LIST CONSTRUCTION USING PROXIMITY BLOCK INFORMATION
1096	pending	VN	1-2022-06112	Method for processing video, apparatus for processing video data and computer-readable recording medium
1097	pending	KR	10-2022-7008192	PADDING PROCESS IN ADAPTIVE LOOP FILTERING
1098	granted	TW	108130931	RESTRICTIONS FOR EXTENDED QUADTREE
1099	pending	IN	202227049197	REFERENCE PICTURE INFORMATION SIGNALLING IN A VIDEO BITSTREAM
1100	pending	US	17/463,777	IN-LOOP FILTERING IN VIDEO PROCESSING
1101	pending	CN	202180017711.8	TRANSFORM SKIP RESIDUAL CODEC
1102	pending	CN	201980005110.8	BANDWIDTH CONTROL METHOD FOR INTER-FRAME PREDICTION
1103	pending	US	17/942,618	TRANSFORM SKIP BASED RESIDUAL CODING
1104	granted	CN	202080071936.7	INTERACTION BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODEC TOOLS
1105	granted	US	17/317,375	BLENDING METHOD FOR INTER PREDICTION WITH GEOMETRY PARTITION
1106	granted	TW	108127811	INTERACTION BETWEEN DIFFERENT DMVD MODELS
1107	pending	KR	10-2021-7027315	SIZE DEPENDENT INTER CODING
1108	granted	US	17/944,332	GRADUAL DECODING REFRESH ACCESS UNIT IN SCALABLE VIDEO CODING
1109	granted	US	17/678,827	DEBLOCKING FILTERING AT CODING BLOCK OR SUBBLOCK BOUNDARY
1110	pending	KR	10-2022-7020497	PROFILE, TIER AND LAYER INDICATION IN VIDEO CODING
1111	granted	JP	2022-513430	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODING
1112	pending	EP	20786940.5	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
1113	pending	MY	PI2021004444	PARAMETER DERIVATION FOR INTRA PREDICTION
1114	pending	EP	20865073.9	PADDING PROCESS IN ADAPTIVE LOOP FILTERING
1115	pending	CN	202080090784.5	SUB-IMAGE SIGNALING IN VIDEO CODECS
1116	pending	CN	202080090437.2	SIGNALING NOTIFICATION OF DECODED PICTURE BUFFER PARAMETERS IN LAYERED VIDEO

1117	pending	CN	202080088208.7	JOINT USE OF ADAPTIVE COLOR TRANSFORMATION AND DIFFERENTIAL CODECS FOR VIDEO
1118	pending	US	17/380,225	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
1119	pending	JP	2023-171770	INTERACTION BETWEEN IBC AND ATMVP
1120	pending	CN	202180016696.5	USING PICTURE-LEVEL STRIP INDEXING IN VIDEO CODECS
1121	pending	JP	2023-180020	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODING
1122	granted	US	17/699,014	SCALING WINDOW IN VIDEO CODING
1123	pending	JP	2023-117436	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
1124	pending	US	18/528,017	COMPONENT-DEPENDENT SUB-BLOCK DIVIDING
1125	pending	KR	10-2022-7009731	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
1126	granted	MX	MX/A/2021/012675	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
1127	pending	US	17/389,037	HARMONIZATION BETWEEN DIFFERENT VIDEO PROCESS MODE
1128	pending	CN	201980073166.7	CONDITION-BASED INTER-FRAME PREDICTION WITH GEOMETRIC SEGMENTATION
1129	granted	US	17/891,603	SIGNALING OF PREDICTION WEIGHTS IN GENERAL CONSTRAINT INFORMATION OF A BITSTREAM
1130	granted	US	17/230,064	HARMONIZATION BETWEEN LOCAL ILLUMINATION COMPENSATION AND INTER PREDICTION CODING
1131	pending	CN	202080022926.4	INTERACTION BETWEEN MERGE LIST BUILDING AND OTHER TOOLS
1132	granted	CN	202080021276.1	SIGNALING AND SYNTAX FOR LOOP SHAPING MESSAGES
1133	pending	VN	1-2021-06329	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
1134	pending	CN	202311359616.3	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODECS
1135	pending	CN	202080063273.4	IN-FRAME BLOCK COPY ENCODING AND DECODING
1136	granted	CN	202080065752.X	SIGNALING USE OF ADAPTIVE LOOP FILTERS IN VIDEO CODECS
1137	pending	EP	20840562.1	TRANSFORM BLOCK SIZE RESTRICTION IN VIDEO CODING

1138	pending	SG	11202250841M	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS
1139	pending	ID	P00202108531	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
1140	granted	US	18/077,831	SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS ENHANCEMENTS
1141	pending	CN	202080045542.4	SELECTIVE USE OF ADAPTIVE IN-THE-LOOP COLOR SPACE CONVERSION AND OTHER VIDEO CODEC TOOLS
1142	pending	US	17/541,013	APPLICABILITY OF IMPLICIT TRANSFORM SELECTION
1143	pending	BR	BR112022018206-6	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
1144	pending	EP	20877874.6	USING CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
1145	pending	IN	202147045288	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
1146	granted	CN	201910901033.6	MODIFICATION OF MOTION VECTORS WITH ADAPTIVE MOTION VECTOR RESOLUTION
1147	pending	SG	11202110650W	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
1148	pending	ZA	2022/13083	SIGNALING OF GENERAL CONSTRAIN INFORMATION
1149	granted	JP	2021-523516	POSITION BASED INTRA PREDICTION
1150	pending	CN	202180022242.9	CONSTRAINTS ON REFERENCE IMAGE LIST ENTRIES
1151	granted	JP	2021-564673	SIGNALING IN TRANSFORM SKIP MODE
1152	granted	CN	201980005104.2	USING COMBINED INTER- AND INTRA-FRAME PREDICTION IN VIDEO PROCESSING
1153	pending	CA	3135332	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
1154	pending	IN	202247060915	CONDITIONAL SIGNALING OF VIDEO CODING SYNTAX ELEMENTS
1155	granted	CN	202080033445.3	UNIFIED COMPUTATIONAL APPROACH USING REFINED INTER-FRAME PREDICTION
1156	granted	CN	202080023707.8	DEFAULT INTRA-RING SHAPING PARAMETERS
1157	granted	ID	P00202104558	CONTEXT-BASED INTRA PREDICTION
1158	pending	EP	20905531.8	CONSTRAINTS ON SIGNALING OF VIDEO LAYERS IN CODED BITSTREAMS
1159	pending	CN	202180008716.4	DECODING ORDER OF DIFFERENT SEI MESSAGES

1160	pending	CN	202311453830.5	VIDEO PROCESSING METHOD, APPARATUS, MEDIUM, AND METHOD FOR STORING A BITSTREAM
1161	pending	US	18/322,461	HIGH LEVEL SYNTAX FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
1162	pending	SG	11202202835T	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
1163	granted	US	17/207,118	8-PARAMETER AFFINE MODE
1164	pending	EP	20766860.9	SIZE DEPENDENT INTER CODING
1165	pending	US	18/155,216	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
1166	granted	CN	202080011486.2	DATA STORAGE IN THE BUFFER USED FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
1167	pending	IN	202127001408	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
1168	granted	CN	202080038091.1	MATRIX-BASED INTRA-FRAME PREDICTION USING UPSAMPLING
1169	pending	KR	10-2021-7032760	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
1170	pending	US	18/158,280	CODING OF BLOCK VECTORS FOR INTRA BLOCK COPY-CODED BLOCKS
1171	pending	US	17/850,449	SUBPICTURE SIGNALING IN VIDEO CODING
1172	pending	US	17/692,782	USING PALETTE PREDICTOR IN VIDEO CODING
1173	pending	CA	3146016	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
1174	granted	JP	2021-523513	SIMPLIFIED PARAMETER DERIVATION FOR INTRA PREDICTION
1175	granted	CN	201910760271.X	ENCODING OF COEFFICIENT CORRELATIONS FOR TRANSFORMATION MATRIX SELECTION
1176	pending	US	17/473,440	PARTITIONS ON SUB-BLOCK TRANSFORM MODE
1177	pending	CN	202311545252.8	MINIMUM ALLOWABLE QUANTIZATION OF TRANSFORM SKIP BLOCKS IN VIDEO CODECS
1178	pending	IN	202247039697	CONSTRAINTS FOR VIDEO CODING AND DECODING
1179	pending	US	18/515,482	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
1180	granted	US	17/989,409	CONSTRAINTS ON REFERENCE PICTURE INFORMATION
1181	pending	IN	202147041775	USAGE OF CONVERTED UNI-PREDICTION CANDIDATE

1182	granted	CN	202080019193.9	USE OF CONVERTED ONE-WAY PREDICTION CANDIDATES
1183	pending	IN	202227005384	VIDEO REGION PARTITION BASED ON COLOR FORMAT
1184	pending	CN	202080071393.9	IMPROVEMENT OF DEBLOCKING FILTERING
1185	granted	GB	2100379.3	MVD PRECISION FOR AFFINE
1186	pending	CN	202080064453.4	PALETTE PREDICTOR SIZE ADAPTATION IN VIDEO CODECS
1187	pending	KR	10-2022-7013600	SIGNALING OF CROSS-COMPONENT ADAPTIVE LOOP FILTER
1188	pending	US	17/473,366	SUB-BLOCK TRANSFORM IN TRANSFORM SKIP MODE
1189	granted	TW	108119995	CHROMA DMVR
1190	pending	JP	2023-207339	CALCULATION OF PREDICATION REFINEMENT BASED ON OPTICAL FLOW
1191	pending	JP	2023-105609	DEBLOCKING FILTERING AT CODING BLOCK OR SUBBLOCK BOUNDARY
1192	pending	US	18/511,593	REFERENCE PICTURE RESAMPLING ACTIVATION IN VIDEO CODING
1193	granted	JP	2022-548758	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
1194	pending	US	17/873,973	CONDITIONS FOR APPLICABILITY OF CROSS-COMPONENT CODING
1195	pending	CN	202180041396.2	CONSTRAINTS ON DECODING IMAGE BUFFERS
1196	granted	US	17/167,266	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
1197	pending	US	17/848,507	DECODING PARAMETER SETS IN VIDEO CODING
1198	pending	US	18/503,773	SAMPLE DETERMINATION FOR ADAPTIVE LOOP FILTERING
1199	granted	JP	2021-557133	BIDIRECTIONAL OPTICAL FLOW BASED VIDEO CODING AND DECODING
1200	granted	US	17/115,290	SIMPLIFIED CROSS COMPONENT PREDICTION
1201	pending	CN	202080062746.9	RANGE CONSTRAINTS FOR BLOCK VECTORS IN INTRA-FRAME BLOCK COPY MODE
1202	pending	BR	BR112021021669-3	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
1203	pending	US	18/499,485	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO TILES
1204	granted	TW	108133134	SIZE DEPENDENT DOWN-SAMPLING IN CROSS COMPONENT LINEAR MODEL

1205	granted	CN	202080051112.3	LIMITATIONS ON TRANSFORM BLOCK SIZE IN VIDEO CODECS
1206	granted	US	17/230,048	VIDEO PROCESSING USING LOCAL ILLUMINATION COMPENSATION
1207	granted	CN	201910637919.4	BLOCK SIZE LIMITATIONS FOR VIDEO ENCODING
1208	pending	CN	202180019067.8	LOW-FREQUENCY INDIVISIBLE TRANSFORM SIGNALING NOTIFICATION IN VIDEO CODECS
1209	pending	US	17/494,508	PARTIAL COST CALCULATION
1210	pending	CN	202180040498.2	REFERENCE IMAGE RESAMPLING
1211	pending	CN	202311733567.5	POSITION-DEPENDENT STORAGE OF MOTION INFORMATION
1212	pending	JP	2022-571347	TECHNIQUES FOR GENERATION OF A CONFORMANT OUTPUT SUB-BITSTREAM
1213	granted	CN	201910586133.4	EXTENDED MERGE MODE INTERACTION WITH OTHER VIDEO ENCODING TOOLS
1214	pending	MX	MX/A/2022/011424	USE OF SUBPICTURE INFORMATION IN VIDEO CODING
1215	granted	JP	2021-506751	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
1216	granted	AU	2019293670	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
1217	granted	KR	10-2021-7035999	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
1218	pending	JP	2023-187705	EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
1219	pending	CN	201911007992.X	UTILIZATION OF MOTION INFORMATION IN AFFINE MODELS
1220	pending	KR	10-2022-7004047	ENTROPY CODING FOR PALETTE ESCAPE SYMBOL
1221	pending	EP	20848261.2	RESTRICTIONS OF USAGE OF TOOLS ACCORDING TO REFERENCE PICTURE TYPES
1222	pending	CN	202180017282.4	CONSTRAINTS ON SYNTACTIC ELEMENTS OF ADAPTIVE PARAMETER SETS
1223	granted	TW	108134497	EXTENDED MERGE PREDICTION
1224	pending	CN	201980004126.7	DERIVING MOTION INFORMATION FROM NEIGHBORING BLOCKS
1225	pending	EP	21808808.6	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
1226	pending	JP	2022-542123	PROCESSING OF FILLER DATA UNITS IN VIDEO STREAMS
1227	pending	CN	202211386673.6	DE-SQUARING FILTER FOR VIDEO CODECS
1228	pending	IN	202227062379	ENTROPY CODING FOR MOTION PRECISION SYNTAX

1229	granted	CN	201910533888.8	DIFFERENT PRECISION FOR DIFFERENT REFERENCE LISTS
1230	pending	KR	10-2022-7020445	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
1231	pending	CN	202311359753.7	MOTION CANDIDATE LIST CONSTRUCTION USING PROXIMITY BLOCK INFORMATION
1232	pending	EP	20791687.5	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
1233	granted	US	17/895,490	INTERACTIONS AMONG MULTIPLE INTRA CODING METHODS
1234	granted	US	17/457,868	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
1235	pending	VN	1-2022-06071	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
1236	pending	KR	10-2022-7013595	CROSS-COMPONENT ADAPTIVE LOOP FILTER
1237	pending	CN	201980077008.9	EXTENSION METHOD FOR MOTION REFERENCES IN THE BLOCK COPY MODE WITHIN A FRAME
1238	pending	TH	2101004838	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
1239	pending	EP	19882537.4	SIDE INFORMATION SIGNALING FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
1240	pending	JP	2023-121508	QUANTIZATION PARAMETER OFFSET FOR CHROMA DEBLOCKING FILTERING
1241	granted	ZA	2022/00289	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
1242	granted	CN	202080045255.3	SELECTIVE ENABLING OF COLOR SPACE TRANSFORMATIONS IN ADAPTIVE RINGS FOR VIDEO CODECS
1243	pending	KR	10-2022-7020366	PROFILE TIER LEVEL PARAMETER SET IN VIDEO CODING
1244	granted	CN	202080053551.8	PATTERN DETERMINATION FOR PALETTE MODE IN PREDICTIVE PROCESSING
1245	pending	CN	202080066935.3	SETTING UP AN IN-FRAME BLOCK REPLICATION VIRTUAL BUFFER BASED ON A VIRTUAL PIPELINE DATA UNIT
1246	pending	US	17/389,179	SIGNALING FOR VIDEO BLOCK PARTITION MODE
1247	pending	CN	202311433365.9	SIZE-SELECTIVE APPLICATION OF DECODER-SIDE REFINEMENT TOOLS
1248	granted	CN	202080035214.6	FILTER SELECTION FOR INTRA-FRAME VIDEO CODING AND DECODING
1249	pending	JP	2022-509098	PALETTE MODE WITH DIFFERENT PARTITION STRUCTURES

1250	pending	US	18/528,032	CONSTRAINTS ON REFERENCE PICTURE LISTS
1251	granted	CN	201910584475.2	BOUNDARY ENHANCEMENT OF SUB-BLOCKS
1252	pending	CN	202080045462.9	SYNTAX ELEMENTS FOR CHROMATICITY RESIDUAL SCALING
1253	pending	CN	202210943677.3	INTERACTION BETWEEN DIFFERENT DECODER-SIDE MOTION VECTOR DERIVATION MODES
1254	pending	US	17/463,838	MOTION VECTOR MANAGEMENT FOR DECODER SIDE MOTION VECTOR REFINEMENT
1255	pending	JP	2023-065290	BLOCK DIMENSION SETTINGS OF TRANSFORM SKIP MODE
1256	granted	JP	2022-177350	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
1257	pending	EP	21787637.4	GENERAL CONSTRAINT INFORMATION IN VIDEO CODING
1258	granted	US	17/019,753	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS
1259	pending	KR	10-2021-7008485	COMPLEXITY REDUCTION IN PARAMETER DERIVATION FOR INTRA PREDICTION
1260	granted	MX	MX/A/2021/009894	PARAMETER DERIVATION FOR INTRA PREDICTION
1261	pending	BR	BR112022018862-5	USE OF SUBPICTURE INFORMATION IN VIDEO CODING
1262	granted	US	17/228,903	EXTENSIONS OF INTER PREDICTION WITH GEOMETRIC PARTITIONING
1263	granted	US	17/691,867	DERIVATION OF COLLOCATED MOTION VECTORS
1264	pending	CN	202080023970.7	MULTI-PARAMETER ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
1265	granted	GB	2103284.2	SINGLE-LINE CROSS COMPONENT LINEAR MODEL PREDICTION MODE
1266	granted	CN	202080020903.X	ON THE PARTITIONING OF SUB-BLOCK TRANSFORMATION MODES
1267	granted	JP	2022-549582	INFERENCING WEIGHT VALUES FOR VIDEO COMPONENTS IN A BITSTREAM
1268	pending	KR	10-2022-7000455	TRANSFORM BLOCK SIZE RESTRICTION IN VIDEO CODING
1269	pending	KR	10-2022-7002779	USAGE OF DEFAULT AND USER-DEFINED SCALING MATRICES
1270	pending	SG	11202202563V	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
1271	pending	IN	202227066846	IDENTIFICATION OF INTER-LAYER REFERENCE PICTURES IN CODED VIDEO

1272	pending	EP	21754554.0	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO SLICES
1273	granted	CN	201910468428.1	WEIGHTED INTERLEAVED FORECASTS
1274	pending	EP	21753962.6	COLLOCATED PICTURE INDICATION IN VIDEO BITSTREAMS
1275	granted	SG	11202110999P	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
1276	pending	US	17/960,648	INDEPENDENT CONSTRUCTION METHOD FOR BLOCK VECTOR LIST IN INTRA BLOCK COPY MODE
1277	pending	CN	202311458792.2	MATRIX-BASED INTRA-FRAME PREDICTION USING FILTERING
1278	granted	US	17/529,607	INTERACTION BETWEEN IBC AND BIO
1279	pending	IN	202147020007	SIMPLIFICATION OF COMBINED INTER-INTRA PREDICTION
1280	granted	CN	201911053996.1	IMPROVEMENT OF OVERLAPPING BLOCK MOTION COMPENSATION
1281	pending	JP	2022-539115	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS
1282	pending	KR	10-2023-7044979	HISTORY BASED MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY
1283	granted	CN	201910586791.3	CHECKING ORDER OF MOTION CANDIDATES IN LUTS
1284	pending	BR	BR112021024638-0	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES
1285	pending	KR	10-2022-7036388	TRANSFORM SKIP RESIDUAL CODING
1286	pending	BR	BR112022008369-6	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING
1287	pending	US	18/448,591	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
1288	pending	BR	BR112022001981-5	VIDEO REGION PARTITION BASED ON COLOR FORMAT
1289	pending	EP	20906207.4	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS
1290	granted	US	17/356,321	SIZE DEPENDENT INTER CODING
1291	pending	EP	20766750.2	IMPLEMENTATION ASPECTS IN INTRA BLOCK COPY IN VIDEO CODING
1292	granted	US	17/405,212	PARAMETER DERIVATION IN CROSS COMPONENT MODE
1293	granted	CN	201910951145.2	SIZE CONSTRAINTS BASED ON AFFINE MOTION INFORMATION
1294	pending	EP	23213772.9	REFERENCE PICTURE RESAMPLING ACTIVATION IN VIDEO CODING
1295	pending	SG	11202203357W	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM

1296	granted	US	17/700,155	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
1297	pending	CN	202180026664.3	METHOD, APPARATUS AND MEDIUM FOR CONSTRAINING JUXTAPOSED PICTURES IN VIDEO CODECS
1298	granted	CN	201910591160.0	SEQUENCE OF TAKING AND TRIMMING IN LAMVR
1299	pending	EP	20869512.2	SETTING INTRA-BLOCK COPY VIRTUAL BUFFER BASED ON VIRTUAL PIPELINE DATA UNIT
1300	granted	US	17/357,244	SIGNALING AND SYNTAX FOR IN-LOOP RESHAPING INFORMATION
1301	pending	BR	BR112021021631-6	MULTIPLE SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
1302	pending	JP	2023-122019	INTRA BLOCK COPY CODING AND DECODING
1303	granted	US	16/993,677	PARTIAL COST CALCULATION
1304	granted	CN	201910919456.0	IMITATION INHERITANCE FOR PATTERN DEPENDENCIES
1305	granted	JP	2021-513387	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
1306	pending	EP	20798302.4	MATRIX-BASED INTRA PREDICTION USING FILTERING
1307	granted	US	17/646,412	CALCULATION IN MATRIX-BASED INTRA PREDICTION
1308	pending	KR	10-2023-7043232	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
1309	pending	KR	10-2022-7027988	SIGNALING OF PREDICTION WEIGHTS IN GENERAL CONSTRAINT INFORMATION OF A BITSTREAM
1310	granted	US	17/361,747	SIDE INFORMATION SIGNALING FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
1311	pending	IN	202227047321	SIGNALING OF PREDICTION WEIGHTS IN GENERAL CONSTRAINT INFORMATION OF A BITSTREAM
1312	pending	JP	2021-561874	CONTEXT CODING FOR TRANSFORM SKIP MODE
1313	pending	US	17/461,150	ORDER-BASED UPDATING FOR INTRA BLOCK COPY IN VIDEO CODING
1314	pending	CN	202311780032.3	SIMPLIFIED INTERFRAME PREDICTION USING GEOMETRIC SEGMENTATION
1315	pending	US	17/319,909	HISTORY-BASED AFFINE PARAMETERS INHERITANCE
1316	pending	KR	10-2022-7036104	SYNTAX FOR SIGNALING CROSS-COMPONENT VIDEO CODING
1317	pending	US	18/490,024	CONTEXT CODING FOR MATRIX-BASED INTRA PREDICTION

1318	pending	CN	202080068120.9	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
1319	pending	CN	202080040060.X	PALETTE MODE AND IN-FRAME BLOCK COPY PREDICTION
1320	pending	CN	202180032094.9	FILTER PARAMETER SIGNALING NOTIFICATION IN VIDEO PICTURE HEADER
1321	pending	AU	2020259567	PARAMETER DERIVATION IN CROSS COMPONENT MODE
1322	granted	CN	201910586573.X	METHOD, APPARATUS, AND STORAGE MEDIUM FOR PROCESSING VIDEO USING LOOKUP TABLE DIMENSIONS
1323	pending	JP	2022-534625	USING QUANTIZATION GROUPS IN VIDEO CODING
1324	pending	KR	10-2022-7031211	PICTURE OUTPUT FLAG INDICATION IN VIDEO CODING
1325	pending	SG	11202250467F	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
1326	pending	SG	11202253960C	MINIMUM ALLOWED QUANTIZATION FOR TRANSFORM SKIP BLOCKS IN VIDEO CODING
1327	granted	CN	201910533237.9	POOR ACCURACY OF MOTION VECTORS WITHOUT MOTION VECTOR PREDICTION TRUNCATION FOR SELECTION
1328	pending	CN	202080053764.0	MAPPING LIMITS FOR INTRA-FRAME BLOCK COPY VIRTUAL BUFFERS
1329	pending	US	18/516,654	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
1330	granted	IN	202247015795	PADDING PROCESS IN ADAPTIVE LOOP FILTERING
1331	pending	CN	202311458695.3	CROSS-COMPONENT CODEC SEQUENTIAL EXPORT
1332	pending	CN	202180013088.9	PALETTE PATTERNS FOR LOCALIZED DOUBLE TREES
1333	granted	CN	201910584267.2	METHOD, APPARATUS AND STORAGE MEDIUM FOR PROCESSING VIDEO DATA
1334	pending	CN	202311510897.8	COORDINATION BETWEEN OVERLAPPING BLOCK MOTION COMPENSATION AND OTHER TOOLS
1335	granted	TW	108123163	CONDITIONS OF USAGE OF LUTS
1336	pending	KR	10-2021-7028282	RESTRICTIONS ON IN-LOOP FILTERING
1337	pending	CN	202180036754.0	REFERENCE IMAGE INFORMATION CONSTRAINTS
1338	granted	JP	2021-525770	DIFFERENCE CALCULATION BASED ON PARTIAL POSITION
1339	granted	US	17/167,303	AFFINE INHERITANCE METHOD IN INTRA BLOCK COPY MODE

1340	granted	US	17/585,741	POSITION BASED MODE DERIVATION IN REDUCED SECONDARY TRANSFORMS FOR VIDEO
1341	pending	US	18/174,149	PRIORITY-BASED NON-ADJACENT MERGE DESIGN
1342	granted	CN	201910586581.4	METHOD, APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM FOR VIDEO PROCESSING
1343	pending	TH	2201000259	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
1344	granted	US	17/556,769	SELECTIVE USE OF ADAPTIVE IN-LOOP COLOR-SPACE TRANSFORM AND OTHER VIDEO CODING TOOLS
1345	granted	US	17/484,509	HALF-PEL INTERPOLATION FILTER IN INTER CODING MODE
1346	granted	GB	2018866.0	INTERACTION OF ASYMMETRIC WEIGHTED MERGES AND OTHER CODING TOOLS
1347	granted	TW	108123183	LOOK UP TABLE SIZE
1348	granted	TW	108123084	MOTION ESTIMATION REGION IMPROVEMENTS
1349	pending	US	17/342,900	MOTION VECTOR DERIVATION BETWEEN COLOR COMPONENTS
1350	pending	CA	3127848	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
1351	pending	US	17/681,054	CHROMA DEBLOCKING HARMONIZATION FOR VIDEO CODING
1352	pending	CN	202311422316.5	CALCULATION OF OPTICAL FLOW-BASED PREDICTION REFINEMENT
1353	granted	US	17/406,242	USE OF SECONDARY TRANSFORM IN CODED VIDEO
1354	pending	IN	202147003645	EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
1355	pending	KR	10-2022-7008762	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
1356	pending	JP	2024-039123	SLICE AND TILE PARTITIONING IN VIDEO CODING
1357	pending	US	17/739,598	CONSTRAINTS FOR USAGE OF UPDATED MOTION INFORMATION
1358	granted	JP	2021-578165	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
1359	pending	US	18/296,655	SETTING INTRA-BLOCK COPY VIRTUAL BUFFER BASED ON VIRTUAL PIPELINE DATA UNIT
1360	pending	CN	202180014774.8	INTERACTION BETWEEN LOOP FILTERING AND VIDEO STRIPING
1361	pending	KR	10-2020-7038027	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS

1362	granted	US	17/071,139	ORDER OF ROUNDING AND PRUNING IN LAMVR
1363	granted	JP	2022-099377	PARTIAL COST CALCULATION
1364	granted	CN	201980079312.7	INTERFRAME PREDICTION WITH GEOMETRIC SEGMENTATION HAS CONDITIONAL APPLICATIONS IN VIDEO PROCESSING
1365	pending	US	18/488,247	SYMMERTRIC MOTION VECTOR DIFFERENCE CODING
1366	granted	CN	201910586584.8	METHOD, APPARATUS, AND STORAGE MEDIUM FOR EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
1367	pending	JP	2022-575699	SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS ENHANCEMENTS
1368	pending	CN	202080064305.2	SKIP MODE SIGNALING NOTIFICATION
1369	granted	CN	201910774551.6	REDUCED WINDOW SIZE FOR BILATERAL FILTERS
1370	granted	US	17/886,121	Sub-Bitstream Extraction Process In Video Coding
1371	pending	CN	202080084122.7	PREDICTIONS FROM MULTIPLE CROSS-COMPONENT
1372	pending	VN	1-2022-05378	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
1373	granted	CN	202080038020.1	SYNTACTIC SIGNALING IN SUB-BLOCK MERGE MODE
1374	pending	IN	202147034515	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
1375	pending	US	18/502,636	MATRIX DERIVATION IN INTRA CODING MODE
1376	pending	EP	23220634.2	SIGNALING OF QUANTIZATION INFORMATION IN CODED VIDEO
1377	granted	US	17/154,736	USING COMBINED INTER INTRA PREDICTION IN VIDEO PROCESSING
1378	pending	SG	11202110713X	PARAMETER DERIVATION IN CROSS COMPONENT MODE
1379	pending	CN	201911067653.0	COORDINATION BETWEEN GEOMETRIC SEGMENTATION PREDICTION MODELS AND OTHER TOOLS
1380	pending	KR	10-2022-7004677	RESIDUAL CODING FOR TRANSFORM SKIPPED BLOCKS
1381	granted	US	18/076,045	SUBLAYER SIGNALING IN A VIDEO BITSTREAM
1382	pending	CN	202180029337.3	ADAPTIVE LOOP FILTERING
1383	pending	US	17/946,335	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
1384	pending	SG	11202202008S	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODING

1385	pending	EP	19883112.5	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
1386	granted	CN	201980068629.0	JUXTAPOSED LOCAL ILLUMINATION COMPENSATION AND MODIFIED INTERFRAME CODEC TOOLS
1387	pending	JP	2023-201679	SCALING PROCESS FOR CODING BLOCK
1388	pending	CN	202080070183.8	DOWNSAMPLING FILTER TYPE FOR CHROMA MIXING MASK GENERATION
1389	granted	MX	MX/A/2022/000120	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
1390	pending	KR	10-2022-7043163	SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS ENHANCEMENTS
1391	granted	CN	201980083815.1	INTER-FRAME PREDICTION USING POLYNOMIAL MODELS
1392	pending	CN	202180041428.9	CONSTRAINTS ON STRIP COUNTING IN CODED VIDEO IMAGES
1393	pending	US	18/488,254	CONDITION DEPENDENT CODING OF PALETTE MODE USAGE INDICATION
1394	pending	KR	10-2022-7006935	TWO-PART SIGNALING OF ADAPTIVE LOOP FILTERS IN VIDEO CODING
1395	pending	VN	1-2021-04951	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
1396	pending	EP	21750205.3	PALETTE MODE FOR LOCAL DUAL TREE
1397	granted	KR	10-2021-7030716	BIDIRECTIONAL OPTICAL FLOW BASED VIDEO CODING AND DECODING
1398	pending	JP	2023-200063	CROSS-COMPONENT ADAPTIVE LOOP FILTER
1399	granted	CN	201910591543.8	LUT WITH LIC
1400	pending	CN	202180036698.0	REFERENCE PICTURE RESAMPLING IN VIDEO CODECS
1401	pending	JP	2023-172306	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
1402	granted	KR	10-2021-7030715	DECODER SIDE MOTION VECTOR DERIVATION
1403	granted	TW	108123168	SELECTION OF CODED MOTION INFORMATION FOR LUT UPDATING
1404	pending	US	18/325,592	DEBLOCKING SIGNALING IN VIDEO CODING
1405	pending	US	17/237,450	UTILIZATION OF MOTION INFORMATION IN AFFINE MODE
1406	pending	CN	202080091580.3	CROSS-COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODECS
1407	pending	CN	202311455348.5	PALETTE INITIALIZATION FOR WAVEFRONT PARALLEL PROCESSING
1408	pending	KR	10-2021-7043038	SIGNALING OF CHROMA RESIDUAL SCALING

1409	pending	KR	10-2022-7018951	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS
1410	granted	US	17/949,034	ORDER RELATIONSHIP BETWEEN SUBPICTURES
1411	pending	KR	10-2021-7022965	CONTEXT FOR CODING AFFINE MODE ADAPTIVE MOTION VECTOR RESOLUTION
1412	pending	CN	201980004109.3	MOTION CANDIDATES FOR INTER-FRAME PREDICTION
1413	granted	TW	108127813	CLIPPING OF UPDATED MV OR DERIVED MV
1414	granted	ZA	2021/03763	CONTEXT-BASED INTRA PREDICTION
1415	granted	TW	108123153	DEFINITION OF ZERO UNIT
1416	pending	EP	20880056.5	SIGNALING FOR REFERENCE PICTURE RESAMPLING
1417	pending	JP	2023-207743	CONTEXT CODING FOR TRANSFORM SKIP MODE
1418	pending	BR	BR112022025036-3	CONSTRAINTS ON NUMBER OF SUBPICTURE IN A VIDEO PICTURE
1419	pending	KR	10-2023-7041554	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
1420	granted	US	17/990,267	SCALING WINDOW IN VIDEO CODING
1421	pending	JP	2022-517727	LUMA MAPPING WITH CHROMA SCALING
1422	pending	CN	202180025438.3	CODING AND DECODING OF COEFFICIENTS IN TRANSFORM SKIP MODE
1423	granted	CN	201910488487.5	INTERACTION OF PAIRWISE-AVERAGED MERGE CANDIDATES WITH IN-FRAME BLOCK REPLICATION
1424	pending	EP	21822448.3	HANDLING OF SUPPLEMENTAL ENHANCEMENT INFORMATION IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
1425	pending	IN	202227015822	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
1426	pending	EP	21827968.5	SIGNALING OF QUANTIZATION INFORMATION IN CODED VIDEO
1427	pending	KR	10-2021-7013353	ROUNDING IN PAIRWISE AVERAGE CANDIDATE CALCULATIONS
1428	pending	KR	10-2021-7032284	PARAMETER DERIVATION IN CROSS COMPONENT MODE
1429	pending	JP	2023-189325	LOW FREQUENCY NON-SEPARABLE TRANSFORM SIGNALING IN VIDEO CODING
1430	pending	BR	BR112022018069-1	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
1431	granted	CN	202080054662.0	LIMITATIONS ON THE USE OF TOOLS ACCORDING TO THE TYPE OF REFERENCE IMAGE

1432	pending	KR	10-2021-7039825	PALETTE MODE CODING IN PREDICTION PROCESS
1433	pending	SG	11202200379W	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
1434	granted	CN	201910637483.9	EXTENDING LOOKUP TABLE-BASED MOTION VECTOR PREDICTION WITH TEMPORAL INFORMATION
1435	granted	US	17/556,689	ADAPTIVE IN-LOOP COLOR-SPACE TRANSFORM FOR VIDEO CODING
1436	granted	US	17/735,483	AFFINE MODE IN VIDEO CODING AND DECODING
1437	granted	US	17/665,242	POSITION RESTRICTION FOR INTER CODING MODE
1438	granted	US	17/099,042	UNIFIED CONSTRAINS FOR THE MERGE AFFINE MODE AND THE NON-MERGE AFFINE MODE
1439	pending	IN	202247007760	POSITION-DEPENDENT INTRA PREDICTION SAMPLE FILTERING
1440	pending	EP	21792750.8	TRANSFORM SKIP RESIDUAL CODING
1441	granted	CN	201911056351.3	DE-SQUARE FILTERING UNDER DEPENDENT QUANTIZATION
1442	pending	JP	2022-542372	CONSTRAINTS FOR VIDEO CODING AND DECODING
1443	granted	US	17/962,852	USE OF HEADER SYNTAX ELEMENTS AND ADAPTATION PARAMETER SET
1444	granted	US	17/031,322	RULES ON UPDATING LUTS
1445	pending	US	17/540,122	CHECKING ORDER OF MOTION CANDIDATES IN LUT
1446	pending	IN	202127000785	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS
1447	pending	BR	BR112022007408-5	SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
1448	pending	US	18/492,937	SIGNALING AND SYNTAX FOR IN-LOOP RESHAPING INFORMATION
1449	granted	KR	10-2021-7012175	BANDWIDTH CONTROL METHODS FOR INTER PREDICTION
1450	granted	JP	2021-539078	INVOKE OF LUT UPDATING
1451	pending	VN	1-2022-05974	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
1452	pending	CN	202080066280.X	ZOOM WINDOW IN VIDEO CODEC
1453	pending	JP	2023-126598	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
1454	granted	JP	2022-551568	CONSTRAINS FOR HIGH LEVEL SYNTAX ELEMENTS

1455	pending	CN	202311447045.9	SIZE LIMITATIONS OF THE VIRTUAL BUFFER FOR IN-FRAME BLOCK COPYING
1456	pending	US	17/860,687	CONSTRAINTS ON VALUE RANGES IN VIDEO BITSTREAMS
1457	granted	US	17/699,032	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING
1458	pending	CN	202210543603.0	LOOKUP TABLE UPDATES: FIFOS, CONSTRAINED FIFOS
1459	pending	MX	MX/A/2022/004200	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
1460	granted	CN	201980076196.3	REFINED INTERFRAME PREDICTION IN VIDEO PROCESSING
1461	granted	CN	201980004125.2	SIMPLIFIED ENTROPY CODING AND DECODING OF SUBBLOCK-BASED MOTION INFORMATION LISTS
1462	pending	JP	2024-014907	PALETTE MODE WITH DIFFERENT PARTITION STRUCTURES
1463	pending	MX	MX/A/2022/002815	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
1464	granted	US	17/212,339	MOTION VECTOR RANGE BASED ON MOTION VECTOR PRECISION
1465	granted	US	17/955,856	HIGH LEVEL CONTROL OF FILTERING IN VIDEO CODING
1466	pending	IN	202247013668	PALETTE PREDICTOR SIZE ADAPTATION IN VIDEO CODING
1467	granted	US	17/330,501	PARAMETER DERIVATION FOR INTRA PREDICTION
1468	pending	KR	10-2021-7032116	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
1469	granted	ID	P00202009958	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
1470	granted	MX	MX/A/2022/000102	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
1471	pending	CN	202080036227.5	ADAPTIVE COLOR FORMAT CONVERSION IN VIDEO CODECS
1472	granted	US	17/665,220	BUFFER MANAGEMENT IN SUBPICTURE DECODING
1473	granted	CN	202080034551.3	MAXIMUM POSSIBLE PATTERN LIST CONSTRUCTION FOR ON-SCREEN CONTENT CODING AND DECODING
1474	granted	US	17/968,958	TRANSFORM SKIP RESIDUAL CODING
1475	pending	CN	202180025125.8	HORIZONTAL INFORMATION IN VIDEO CODECS
1476	pending	EP	20905928.6	DECODING PARAMETER SETS IN VIDEO CODING

1477	granted	CN	201911033440.6	A FAST METHOD FOR PARTITIONING TREE DECISIONS
1478	pending	US	17/868,384	CONTEXT MODELING FOR RESIDUAL CODING
1479	pending	US	18/525,099	SUB-BLOCK BASED MOTION CANDIDATE SELECTION AND SIGNALING
1480	pending	JP	2021-549770	USAGE OF CONVERTED UNI-PREDICTION CANDIDATE
1481	pending	KR	10-2022-7026950	SLICE AND TILE PARTITIONING IN VIDEO CODING
1482	pending	JP	2022-199772	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
1483	granted	AU	2020214946	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
1484	pending	IN	202127060333	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
1485	granted	CN	201910662916.6	IMPROVEMENT OF MOTION COMPENSATION FOR OVERLAPPING BLOCKS
1486	pending	ID	P00202105724	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
1487	granted	US	17/154,565	CONSTRUCTION OF MERGE WITH MOTION VECTOR DIFFERENCE CANDIDATES
1488	granted	CN	202080018150.9	ASPECTS OF IMPLEMENTATION IN INTRA-FRAME BLOCK REPLICATION IN VIDEO CODECS
1489	pending	CN	202180042173.8	CODING AND DECODING END-OF-SEQUENCE INDICATIONS IN VIDEO
1490	pending	EP	23210728.4	WHICH LUT TO BE UPDATED OR NO UPDATING
1491	granted	JP	2021-542161	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
1492	pending	VN	1-2021-02801	VIDEO PROCESSING METHOD AND APPARATUS, AND NON-TRANSITORY COMPUTER READABLE MEDIUM
1493	pending	KR	10-2022-7001503	BLOCK SIZE DEPENDENT USE OF VIDEO CODING MODE
1494	pending	US	17/942,552	CONTEXT CODING FOR MATRIX-BASED INTRA PREDICTION
1495	pending	CN	202211145602.7	TABLE MAINTENANCE FOR HISTORY-BASED MOTION VECTOR PREDICTION
1496	granted	US	17/723,089	SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
1497	pending	CN	202180011109.3	MOTION COMPENSATION ALONG DIFFERENT DIRECTIONS
1498	granted	CN	202080056566.X	POSITIONAL CONSTRAINTS FOR INTER-FRAME CODEC MODES

1499	pending	CN	202180017637.X	CONSTRAINTS ON ADVANCED SYNTAX ELEMENTS
1500	pending	CN	202080084219.8	HMVP TABLE UPDATE
1501	pending	CN	202180016672.X	INTERACTION BETWEEN SUBPICTURES AND SLICE LINE SIGNALING NOTIFICATIONS
1502	granted	RU	2021111407	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
1503	pending	CN	201910487906.3	EXTENDING THE SHAPE OF QUADTREE SUB-BLOCKS
1504	pending	CN	202080000731.X	PROCESSING PARAMETER-BASED DERIVATION OF DECODER SIDE MOTION
1505	pending	US	17/876,000	INTRA CODED VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODING
1506	pending	US	18/514,228	CONCEPT OF INTERWEAVED PREDICTION
1507	pending	KR	10-2022-7008042	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING
1508	granted	CN	201910804138.X	LIMITATIONS OF EXTENDED QUADTREES
1509	pending	KR	10-2022-7000151	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
1510	pending	US	18/502,724	USING NEIGHBORING SAMPLES IN CROSS-COMPONENT VIDEO CODING
1511	pending	BR	BR112022018960-5	COMBINATION OF SUBPICTURES AND SCALABILITY
1512	pending	US	17/386,346	FAST ALGORITHMS FOR SYMMETRIC MOTION VECTOR DIFFERENCE CODING MODE
1513	granted	RU	2021116881	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
1514	pending	CN	202211573846.5	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
1515	granted	CN	201980074352.2	METHODS FOR CONSTRUCTING CANDIDATE LISTS FOR A SINGLE TYPE OF CAMPAIGN
1516	pending	PH	1-2021-552000	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
1517	pending	IN	202227052744	GRADUAL DECODING REFRESH ACCESS UNIT IN SCALABLE VIDEO CODING
1518	granted	US	17/682,656	SUB-PARTITIONING IN INTRA CODING
1519	pending	CN	202080065895.0	TWO-PART SIGNALING FOR ADAPTIVE LOOP FILTERS IN VIDEO CODECS
1520	pending	JP	2021-559943	ON ADAPTIVE LOOP FILTERING FOR VIDEO CODING
1521	pending	US	18/075,999	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING

1522	pending	CN	202080008274.9	GEOMETRIC PARTITIONING BASED MERGE WITH MOTION VECTOR DIFFERENCE (MVD)
1523	granted	RU	2022101220	QUANTIZATION PROCESS FOR PALETTE MODE
1524	pending	US	18/504,661	SUBPICTURE SUB-BITSTREAM EXTRACTION IMPROVEMENTS
1525	pending	IN	202127047224	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
1526	granted	CN	201911067654.5	TABLE MAINTENANCE FOR HISTORY-BASED MOTION VECTOR PREDICTION
1527	granted	ZA	2022/01076	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
1528	granted	CN	202080036240.0	CHANGING THE BLOCK DIMENSION SETTING FOR SKIP MODE
1529	pending	CN	202080035774.1	SIGNALING FOR REFERENCE PICTURE RESAMPLING
1530	pending	VN	1-2022-00434	QUANTIZATION PROCESS FOR PALETTE MODE
1531	pending	BR	BR112022016943-4	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
1532	pending	TH	2101004870	PARAMETER DERIVATION FOR INTRA PREDICTION
1533	pending	IN	202227036442	SIGNALING OF SLICE TYPE AND VIDEO LAYERS
1534	granted	CN	201910586557.0	SPACE MOTION COMPRESSION
1535	pending	CN	202210690814.7	UPDATING THE CONDITIONS OF A LOOKUP TABLE (LUT)
1536	pending	EP	20749298.4	CONFIGURING LUMA-DEPENDENT CHROMA RESIDUE SCALING FOR VIDEO CODING
1537	pending	CN	202311610467.3	SUB-REGION BASED MOTION INFORMATION REFINEMENT DETERMINATION
1538	granted	MX	MX/A/2021/004715	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
1539	granted	TW	108134299	REPRESENTATION OF AFFINE MODEL
1540	pending	CN	201910583438.X	MOTION ESTIMATION REGION IMPROVEMENT
1541	pending	CN	202311458812.6	TRANSFORM CODING ACCORDING TO MATRIX-BASED INTRA-FRAME PREDICTION
1542	pending	CN	202080064303.3	DERIVATION OF JUXTAPOSED MOTION VECTORS
1543	pending	KR	10-2022-7043516	INDICATION OF END OF SEQUENCE IN CODED VIDEO
1544	pending	JP	2023-189116	BLOCK SIZE DEPENDENT USE OF VIDEO CODING MODE

1545	granted	US	17/848,504	SIGNALING OF DECODED PICTURE BUFFER PARAMETERS IN LAYERED VIDEO
1546	pending	JP	2022-572513	USING SUBPICTURES AND TILES IN VIDEO CODING
1547	granted	MX	MX/A/2022/003122	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
1548	pending	KR	10-2022-7026963	SIGNALING OF SLICE AND TILE PICTURE PARTITIONS
1549	pending	BR	BR112022003732-5	CODING MODE DETERMINATION BASED ON COLOR FORMAT
1550	granted	TW	108124969	CROSS-component coding information derivation
1551	pending	SG	11202252501P	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
1552	pending	ID	P00202215330	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
1553	granted	CN	202080050648.3	SAMPLE POINT FILLING IN ADAPTIVE LOOP FILTERING
1554	granted	CN	202080056677.0	SIGNALING NOTIFICATION RELATED TO SUB-PICTURES IN VIDEO BITSTREAMS
1555	pending	US	17/977,582	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
1556	pending	CN	202080076587.8	SIGNALING NOTIFICATION ACROSS COMPONENT ADAPTIVE LOOP FILTERS
1557	pending	US	18/339,046	RESIDUAL CODING FOR TRANSFORM SKIPPED BLOCKS
1558	pending	CN	202080088215.7	INTERACTION BETWEEN ADAPTIVE COLOR TRANSFORMATIONS AND QUANTIZATION PARAMETERS
1559	pending	IN	202247066860	ORDERING OF NAL UNITS IN CODED VIDEO
1560	granted	TW	108123171	INTERACTION BETWEEN EMM AND OTHER TOOLS
1561	granted	US	17/401,462	NON-POWER-TWO-PARTITION TREE IN VIDEO COMPRESSION
1562	pending	MX	MX/A/2022/000714	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
1563	granted	US	17/992,270	SIGNALLING OF GENERAL CONSTRAINS FLAG
1564	pending	CN	202080061155.X	SUB-DIVISION IN INTRA-FRAME CODING AND DECODING
1565	pending	IN	202227024299	CALCULATION FOR MULTIPLE CODING TOOLS
1566	pending	IN	202227034629	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
1567	pending	CN	202080009209.8	MOTION CANDIDATE LIST USING LOCAL LIGHTING COMPENSATION

1568	pending	JP	2024-010338	USING PALETTE PREDICTOR IN VIDEO CODING
1569	granted	JP	2022-549581	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
1570	pending	US	17/895,511	MATRIX DERIVATION IN INTRA CODING MODE
1571	pending	CN	201980074330.6	IMPROVEMENT OF THE AFFINE PREDICTION MODEL
1572	pending	EP	20818889.6	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODING
1573	pending	VN	1-2022-00166	METHOD AND APPARATUS OF PROCESSING VIDEO DATA, AND COMPUTER-READABLE STORAGE MEDIUM
1574	pending	PH	1-2021-551868	PARAMETER DERIVATION FOR INTRA PREDICTION
1575	granted	JP	2021-560232	GRADIENT CALCULATION IN DIFFERENT MOTION VECTOR REFINEMENTS
1576	pending	EP	20844875.3	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
1577	pending	US	18/173,306	TRANSFORM BLOCK SIZE RESTRICTION IN VIDEO CODING
1578	granted	JP	2020-571582	BLOCK SIZE RESTRICTIONS FOR DMVR
1579	granted	US	17/398,887	UPDATING OF HISTORY BASED MOTION VECTOR PREDICTION TABLES
1580	pending	MX	MX/A/2022/010116	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
1581	granted	JP	2022-100745	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
1582	granted	CN	201980077180.4	INTERACTION BETWEEN INTRA-BLOCK COPY MODE AND INTER-FRAME PREDICTION TOOLS
1583	granted	JP	2021-557132	DECODER SIDE MOTION VECTOR DERIVATION
1584	pending	IN	202147061320	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
1585	granted	JP	2021-523109	CHECKING ORDER OF MOTION CANDIDATES IN LUT
1586	pending	JP	2022-562145	CODING OF INSTANTANEOUS DECODING REFRESH SUBPICTURES
1587	pending	US	18/450,647	SIGNALING FOR INTER PREDICTION IN HIGH LEVEL SYNTAX
1588	granted	CN	202080035376.X	INTERACTION BETWEEN MULTIPLE INTERFRAME CODEC METHODS
1589	granted	CN	202080031501.X	IN-FRAME SUB-BLOCK SEGMENTATION AND MULTI-TRANSFORM SELECTION

1590	granted	JP	2022-523815	CALCULATION FOR MULTIPLE CODING TOOLS
1591	pending	CN	202080076586.3	CROSS-COMPONENT ADAPTIVE LOOP FILTER
1592	granted	JP	2021-562033	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
1593	pending	RU	2022108234	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
1594	granted	TW	108119609	RESTRICTION OF EQT
1595	pending	JP	2023-200159	GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING
1596	granted	CN	201910586397.X	REDUCING THE COMPLEXITY OF NON-ADJACENT MERGE DESIGNS
1597	granted	US	17/005,702	CHECKING ORDER OF MOTION CANDIDATES IN LUT
1598	pending	PH	1-2020-552216	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
1599	granted	TW	108134288	8-PARAMETER AFFINE MODEL
1600	pending	CN	201910487892.5	EXTENDED QUADTREE DEPTH CALCULATION
1601	pending	BR	BR112021019564-5	PARAMETER DERIVATION IN CROSS COMPONENT MODE
1602	granted	TW	108129357	IMPLICIT CODING FOR TRANSFORM MATRIX SELECTION
1603	pending	CN	202080053871.3	INTERDEPENDENCE OF TRANSFORM SIZE AND CODEC TREE CELL SIZE IN VIDEO CODECS
1604	granted	CN	201910637506.6	EXTENDING LOOKUP TABLE-BASED MOTION VECTOR PREDICTION WITH TEMPORAL INFORMATION
1605	granted	CN	202080072268.X	METHOD, APPARATUS AND MEDIUM FOR JOINT CODING, DECODING AND FILTERING OF CHROMATICITY RESIDUALS IN VIDEO PROCESSING
1606	granted	US	17/199,985	PARTIAL PRUNING METHOD FOR INTER PREDICTION
1607	pending	CN	202311511149.1	USE TRANSFORM SKIP MODE BASED ON SUB-BLOCKS
1608	pending	US	18/526,640	COMBINATION OF SUBPICTURES AND SCALABILITY
1609	pending	CN	202080064505.8	WEIGHTED SAMPLE POINT BIDIRECTIONAL PREDICTION IN VIDEO CODING AND DECODING
1610	pending	KR	10-2022-7028881	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
1611	pending	PH	1-2021-551829	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS

1612	granted	KR	10-2021-7006475	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
1613	granted	US	18/085,988	SIGNALING OF QUANTIZATION INFORMATION IN CODED VIDEO
1614	pending	US	18/350,554	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
1615	granted	US	17/589,537	USING SCREEN CONTENT CODING TOOL FOR VIDEO ENCODING AND DECODING
1616	granted	SG	11202200701Y	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
1617	pending	US	17/989,339	SIGNALING OF GRADUAL DECODING REFRESH AND REFERENCE PICTURE LISTS
1618	granted	CN	201910849401.7	VIDEO CODECS AND IMITATION PATTERNS IN DECODING AND DECODING
1619	granted	US	17/665,275	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
1620	pending	IN	202247022804	4SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
1621	granted	US	17/330,792	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
1622	pending	HK	62022052019.6	Joint coding of palette mode usage indication
1623	granted	CN	202080028084.3	ADAPTATION OF MATRIX-BASED INTRA-FRAME PREDICTION
1624	granted	GB	2018447.9	INTERACTION BETWEEN IBC AND BIO
1625	pending	CN	202180026561.7	STRIP TYPES IN VIDEO CODECS
1626	granted	CN	201980074067.0	MOTION CANDIDATE LIST CONSTRUCTION FOR PREDICTION
1627	pending	EP	21834662.5	BOUNDARY LOCATION FOR ADAPTIVE LOOP FILTERING
1628	pending	CN	202211552053.5	INTRA-FRAME VIDEO CODING AND DECODING USING MULTIPLE REFERENCE FILTERS
1629	pending	EP	21775439.9	REFERENCE PICTURE RESAMPLING
1630	pending	ID	P00202108486	PARAMETER DERIVATION IN CROSS COMPONENT MODE
1631	granted	US	17/205,865	INTRA MODE CODING BASED ON HISTORY INFORMATION
1632	pending	CN	202080006849.3	HASH-BASED MOTION SEARCH
1633	pending	CN	202080063234.4	RECURSIVE DIVISION OF VIDEO CODEC BLOCKS
1634	granted	AU	2020214083	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
1635	pending	EP	20749576.3	CONTEXT FOR CODING AFFINE MODE ADAPTIVE MOTION VECTOR RESOLUTION
1636	pending	CN	202180013175.4	DE-SQUARING PARAMETER FOR COLORIMETRIC COMPONENTS

1637	pending	CN	202080089538.8	AIR-TEMPORAL MOTION VECTOR PREDICTION
1638	granted	JP	2022-559411	CONFORMANCE WINDOW PARAMETERS IN VIDEO CODING
1639	pending	CN	202080071694.1	REFINE THE USE OF VIDEO CODEC TOOLS AND SIGNALING
1640	granted	CA	3128429	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
1641	granted	JP	2021-567929	BLOCK DIMENSION SETTINGS OF TRANSFORM SKIP MODE
1642	pending	SG	11202253281M	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
1643	pending	EP	21797509.3	CONDITIONAL SIGNALING OF VIDEO CODING SYNTAX ELEMENTS
1644	pending	US	18/457,566	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
1645	granted	US	17/229,019	INVOKE OF LUT UPDATING
1646	granted	US	17/718,880	PREDICTION TYPE SIGNALING IN VIDEO CODING
1647	pending	RU	2022102900	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
1648	pending	CN	202311511842.9	BIDIRECTIONAL OPTICAL STREAMING BASED VIDEO CODEC AND DECODING
1649	pending	SG	11202112518S	BLOCK DIMENSION SETTINGS OF TRANSFORM SKIP MODE
1650	pending	KR	10-2022-7005294	QUANTIZATION PARAMETER OFFSET FOR CHROMA DEBLOCKING FILTERING
1651	pending	KR	10-2022-7020526	CONSTRAINTS ON SIGNALING OF VIDEO LAYERS IN CODED BITSTREAMS
1652	granted	US	17/228,959	USE OF VIRTUAL CANDIDATE PREDICTION AND WEIGHTED PREDICTION IN VIDEO PROCESSING
1653	granted	KR	10-2022-7034929	SIGNALING FOR INTER PREDICTION IN HIGH LEVEL SYNTAX
1654	pending	KR	10-2022-7020327	SIGNALING OF PARAMETERS AT SUB-PICTURE LEVEL IN A VIDEO BITSTREAM
1655	pending	TW	108130494	MULTI-MOTION MODEL BASED VIDEO CODING AND DECODING
1656	granted	AU	2019382524	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
1657	pending	EP	20760048.7	CONDITION DEPENDENT CODING OF PALETTE MODE USAGE INDICATION
1658	pending	JP	2022-556147	CONSTRAINTS ON REFERENCE PICTURE LISTS ENTRIES
1659	granted	CN	201910907741.0	WEIGHTED BIDIRECTIONAL PREDICTION IN VIDEO CODING AND DECODING

1660	granted	KR	10-2021-7024874	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
1661	granted	JP	2021-560242	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
1662	pending	AR	20210100170	CONDITIONAL SIGNALING OF SYNTAX ELEMENTS IN A PICTURE HEADER
1663	granted	AU	2020242795	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
1664	pending	EP	21759710.3	REFERENCE PICTURE INFORMATION SIGNALLING IN A VIDEO BITSTREAM
1665	pending	CN	202180037088.2	LIMITATIONS ON THE NUMBER OF SUBLAYERS
1666	pending	US	18/334,120	MODE DETERMINATION FOR PALETTE MODE CODING
1667	granted	TW	108134969	MOTION VECTOR ACCESSING RANGE FOR AFFINE
1668	pending	KR	10-2022-7030335	ADAPTIVE LOOP FILTERING
1669	pending	EP	20804851.2	SELECTION OF SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
1670	pending	IN	202247044943	PALETTE MODE FOR LOCAL DUAL TREE
1671	granted	CN	201910586376.8	SHAPE-DEPENDENT INTRA-FRAME CODING
1672	granted	CN	201910590860.8	BLOCK SIZE LIMITATIONS FOR DMVRS
1673	pending	KR	10-2022-7027173	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO TILES
1674	pending	KR	10-2022-7001812	MOTION PRECISION IN SUB-BLOCK BASED INTER PREDICTION
1675	pending	SG	11202202089W	VIDEO REGION PARTITION BASED ON COLOR FORMAT
1676	granted	KR	10-2021-7006476	MODIFICATION OF MOTION VECTOR WITH ADAPTIVE MOTION VECTOR RESOLUTION
1677	granted	AU	2020309130	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
1678	granted	CN	201980072730.3	COMPLEXITY REDUCTION IN PARAMETER DERIVATION FOR INTRA-FRAME PREDICTION
1679	pending	JP	2023-210570	DIRECTION-BASED PREDICTION FOR INTRA BLOCK COPY IN VIDEO CODING
1680	granted	US	17/406,859	SUB-TABLE FOR HISTORY-BASED AFFINE MODE
1681	granted	IN	202147020176	BANDWIDTH CONTROL METHODS FOR INTER PREDICTION
1682	pending	MX	MX/A/2022/008384	CONSTRAINTS FOR VIDEO CODING AND DECODING
1683	granted	TW	108123338	UPDATE OF LOOK UP TABLES
1684	pending	EP	20836696.3	SAMPLE DETERMINATION FOR ADAPTIVE LOOP FILTERING

1685	granted	US	17/360,812	HASH-BASED MOTION SEARCHING
1686	pending	US	18/083,919	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
1687	granted	CN	201910498116.5	CHROMA DECODER SIDE MOTION VECTOR REFINEMENT
1688	granted	CN	202080031268.5	CROPPING OPERATIONS IN VIDEO PROCESSING BASED ON QUADRATIC TRANSFORMS
1689	pending	IN	202247066971	TECHNIQUES FOR GENERATION OF A CONFORMANT OUTPUT SUB-BITSTREAM
1690	granted	GB	2018254.9	INTERACTION BETWEEN PAIRWISE AVERAGE MERGING CANDIDATES AND INTRA-BLOCK COPY (IBC)
1691	pending	US	18/400,588	SLICE TYPE IN VIDEO CODING
1692	pending	CN	202311450652.0	ADAPTIVE LOOP FILTERING FOR VIDEO CODECS
1693	pending	CN	202311508320.3	SAMPLE POINT DETERMINATION FOR ADAPTIVE LOOP FILTERING
1694	pending	CA	3132071	JOINT CODING OF PALETTE MODE USAGE INDICATION
1695	granted	CN	202080041789.9	CONDITIONAL IMPLEMENTATION OF THE CAMPAIGN CANDIDATE LIST BUILDING PROCESS
1696	pending	MX	MX/A/2022/009920	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
1697	granted	TW	108124972	EXTENSION OF LOOK-UP TABLE BASED MOTION VECTOR PREDICTION WITH TEMPORAL INFORMATION
1698	pending	AU	2020316548	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
1699	pending	CN	202180028454.8	SIGNALING NOTIFICATION FOR FLAGS IN THE PICTURE PARAMETER SET
1700	pending	JP	2023-117759	GRADIENT CALCULATION IN DIFFERENT MOTION VECTOR REFINEMENTS
1701	granted	CN	202080024759.7	PARAMETER DERIVATION FOR INTERFRAME PREDICTION
1702	pending	VN	1-2021-05675	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
1703	granted	US	17/161,316	USING COLLOCATED BLOCKS IN SUB-BLOCK TEMPORAL MOTION VECTOR PREDICTION MODE
1704	pending	US	18/484,884	SUBLAYERS INFORMATION IN VIDEO CODING
1705	pending	EP	21771386.6	PICTURE OUTPUT FLAG INDICATION IN VIDEO CODING

1706	pending	CN	201980074269.5	IMPROVEMENT OF THE AFFINE PREDICTION MODEL
1707	granted	US	17/969,976	CONSTRAINTS ON REFERENCE PICTURE LISTS
1708	pending	JP	2022-506732	SIZE RESTRICTION BASED ON COLOR FORMAT
1709	granted	CN	202080056667.7	BUFFER MANAGEMENT IN SUB-IMAGE DECODING
1710	pending	KR	10-2021-7038897	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODING
1711	pending	CN	202180008694.1	LIMITATIONS OF THE GRADUAL DECODE REFRESH (GDR) UNIT
1712	pending	US	18/520,436	CODING OF PICTURES CONTAINING SLICES AND TILES
1713	pending	EP	23213546.7	REFERENCE PICTURE INFORMATION SIGNALLING IN A VIDEO BITSTREAM
1714	granted	US	17/521,012	SYNTAX SIGNALING IN SUB-BLOCK MERGE MODE
1715	granted	US	17/331,132	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
1716	granted	US	17/090,276	MAIN CONCEPT OF EQT, UNEQUALLY FOUR PARTITIONS AND SIGNALING
1717	pending	VN	1-2021-05558	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
1718	pending	KR	10-2021-7033193	INTRA CODED VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODING
1719	pending	IN	202147043501	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
1720	pending	CN	202080013764.8	MOTION CANDIDATE LIST CONSTRUCTION FOR IN-FRAME BLOCK COPY MODE
1721	granted	JP	2022-511034	POSITION-BASED COEFFICIENTS SCALING
1722	pending	MX	MX/A/2022/010202	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
1723	granted	CN	202080022320.0	CALCULATION OF OPTICAL FLOW-BASED PREDICTION REFINEMENT
1724	pending	IN	202247019983	SLICE LEVEL SIGNALING IN VIDEO BITSTREAMS THAT INCLUDE SUBPICTURES
1725	pending	CN	202080018543.X	ENABLE DMVR BASED ON THE INFORMATION IN THE IMAGE HEADER
1726	pending	CN	202080090401.4	SIGNALING NOTIFICATION FOR STRIP TYPE AND VIDEO LAYER
1727	granted	JP	2022-521587	USE AND SIGNALING OF REFINING VIDEO CODING TOOLS

1728	pending	KR	10-2021-7039826	CONDITION DEPENDENT CODING OF PALETTE MODE USAGE INDICATION
1729	granted	US	17/572,785	INDICATION OF ADAPTIVE LOOP FILTERING IN ADAPTATION PARAMETER SET
1730	granted	RU	2021126292	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
1731	granted	CN	202080027508.4	INDICATION OF ONE-HALF PIXEL INTERPOLATION FILTERS IN INTERFRAME CODING MODE
1732	granted	US	17/713,104	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
1733	pending	CN	202080012060.9	PREDICTION OF ADDITIONAL BUFFER SAMPLES USING EXTRA BUFFER SAMPLES FOR INTRAFRAME BLOCK REPLICATION IN VIDEO CODECS
1734	granted	CN	201910468364.5	THE CONCEPT OF INTERLEAVED FORECASTING
1735	granted	US	17/717,515	MOTION VECTOR HANDLING IN GEOMETRY PARTITION MODE
1736	pending	IN	202127049712	INTERACTIONS AMONG MULTIPLE INTRA CODING METHODS
1737	pending	KR	10-2022-7005894	VIDEO REGION PARTITION BASED ON COLOR FORMAT
1738	pending	CN	202311587522.1	HANDLING VIDEO CELL BOUNDARIES AND VIRTUAL BOUNDARIES
1739	pending	CN	202211707625.2	METHOD, APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM FOR VIDEO PROCESSING
1740	pending	IN	202147020223	DIFFERENCE CALCULATION BASED ON PARTIAL POSITION
1741	granted	US	17/978,263	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
1742	pending	BR	BR 112021017428-1	JOINT CODING OF PALETTE MODE USAGE INDICATION
1743	granted	US	17/894,888	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
1744	pending	KR	10-2023-7045270	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
1745	pending	CN	202311452422.8	INTERACTION BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODEC TOOLS
1746	granted	SG	11202011714R	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
1747	granted	US	17/405,374	BIDIRECTIONAL OPTICAL FLOW BASED VIDEO CODING AND DECODING
1748	granted	CN	201980072485.6	IMPROVEMENTS TO REGION-BASED ADAPTIVE LOOP FILTERS

1749	granted	JP	2022-506683	SELECTION OF MATRICES FOR REDUCED SECONDARY TRANSFORM IN VIDEO CODING
1750	pending	TH	2201000007	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
1751	pending	JP	2023-188172	CODING MODE DETERMINATION BASED ON COLOR FORMAT
1752	granted	CN	202080031243.5	CONSTRAINTS ON THE DIFFERENCE OF MOTION VECTORS
1753	pending	US	18/174,961	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
1754	pending	US	17/894,878	MATRIX-BASED INTRA PREDICTION USING FILTERING
1755	granted	TW	108119983	INTEGER MOTION COMPENSATION
1756	pending	KR	10-2022-7005816	SCALING PROCESS FOR CODING BLOCK
1757	granted	US	17/675,843	USAGE OF DEFAULT AND USER-DEFINED SCALING MATRICES
1758	pending	CN	201980072533.1	INTERPOLATION FOR INTER-FRAME PREDICTION WITH REFINEMENT
1759	granted	CN	201910590783.6	UPDATES TO THE LOOKUP TABLE
1760	granted	CN	201910888252.5	FAST ALGORITHM FOR ADAPTIVE MOTION VECTOR RESOLUTION IN AFFINE MODE
1761	pending	US	17/887,283	SUBPICTURE SIGNALING IN VIDEO BITSTREAMS
1762	granted	CN	201910586591.8	LOOKUP TABLE UPDATES: FIFOS, CONSTRAINED FIFOS
1763	pending	KR	10-2022-7020216	CROSS COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODING
1764	pending	AU	2020226567	JOINT CODING OF PALETTE MODE USAGE INDICATION
1765	granted	RU	2020138522	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
1766	pending	JP	2021-572490	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODING
1767	granted	CN	201910599577.1	HMVP + NON-ADJACENT MOVEMENT
1768	pending	EP	21756585.2	INFERENCING WEIGHT VALUES FOR VIDEO COMPONENTS IN A BITSTREAM
1769	pending	KR	10-2022-7011664	SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
1770	pending	CN	202180026190.2	TYPES OF STRIPS IN THE PICTURE
1771	granted	CN	201910828124.1	PARTIALLY INTERTWINED PREDICTIONS
1772	granted	US	17/487,200	CONFIGURING LUMA-DEPENDENT CHROMA RESIDUE SCALING FOR VIDEO CODING
1773	granted	IN	202127049663	MULTIPLE SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING

1774	granted	JP	2021-561889	USE OF SECONDARY TRANSFORM IN CODED VIDEO
1775	granted	CN	202080041808.8	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODECS
1776	pending	PH	1-2021-552535	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
1777	granted	JP	2021-551506	DIRECTION-BASED PREDICTION FOR INTRA BLOCK COPY IN VIDEO CODING
1778	pending	US	18/503,900	VIDEO CODING USING PARAMETER SETS
1779	granted	JP	2021-571916	CONDITIONAL IMPLEMENTATION OF MOTION CANDIDATE LIST CONSTRUCTION PROCESS
1780	granted	JP	2022-509198	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
1781	pending	BR	BR112020024162-8	INTERACTION BETWEEN LUT AND AMVP
1782	granted	CN	201980076711.8	PRUNING METHOD FOR INTER-FRAME PREDICTION WITH GEOMETRIC SEGMENTATION
1783	granted	AU	2020248837	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
1784	granted	CN	201910591527.9	USE OF LOOKUP TABLES
1785	pending	MY	PI2021004973	JOINT CODING OF PALETTE MODE USAGE INDICATION
1786	pending	CN	202080057350.5	WEIGHTING FACTORS FOR PREDICTIVE SAMPLE FILTERING IN INTRA-FRAME MODE
1787	pending	US	18/496,462	PRUNING METHOD IN DIFFERENT PREDICTION MODE
1788	pending	TH	2101004872	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
1789	pending	EP	20862383.5	INTRA BLOCK COPY CODING AND DECODING
1790	pending	US	17/509,572	INTRA PREDICTION AND RESIDUAL CODING
1791	granted	KR	10-2020-7037976	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
1792	pending	CN	202080082769.6	SIMPLIFIED INTERFRAME PREDICTION USING GEOMETRIC SEGMENTATION
1793	pending	JP	2023-179944	LINEAR MODEL DERIVATION FOR CROSS-COMPONENT PREDICTION
1794	granted	CN	202080037629.7	CODING AND DECODING OF BLOCK VECTORS FOR BLOCKS CODED FOR IN-FRAME BLOCK COPYING
1795	granted	CN	201911033557.4	BLOCK SEGMENTATION METHOD AND APPARATUS

1796	pending	EP	20853272.1	ENTROPY CODING FOR PALETTE ESCAPE SYMBOL
1797	pending	VN	1-2022-06070	ORDER RELATIONSHIP BETWEEN SUBPICTURES
1798	pending	KR	10-2022-7012630	CALCULATION FOR MULTIPLE CODING TOOLS
1799	pending	CN	202311517408.1	METHODS FOR CONSTRUCTION OF CANDIDATE LISTS FOR AIRSPACE CAMPAIGNS
1800	granted	US	17/686,103	RANGE CONSTRAINS FOR BLOCK VECTOR IN INTRA-BLOCK COPY MODE
1801	pending	KR	10-2022-7032740	SLICE TYPE IN VIDEO CODING
1802	granted	US	17/689,320	COEFFICIENT SCALING FOR HIGH PRECISION IMAGE AND VIDEO CODING
1803	pending	CN	202080025121.5	MOTION INFORMATION ACCURACY ALIGNMENT IN AFFINE ADVANCED MOTION VECTOR PREDICTION
1804	pending	KR	10-2022-7009730	PREDICTION TYPE SIGNALING IN VIDEO CODING
1805	granted	CN	202080066510.2	REFERENCE IMAGE RESAMPLING IN VIDEO PROCESSING
1806	granted	CN	202080030903.8	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODEC MODULATION REPRESENTATION OF CODED VIDEO
1807	granted	US	17/115,388	SINGLE-LINE CROSS COMPONENT LINEAR MODEL PREDICTION MODE
1808	granted	JP	2021-526695	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
1809	granted	CN	202080009203.0	INTERPOLATION OF BI-DIRECTIONAL PREDICTIONS WITH CU LEVEL WEIGHTS
1810	pending	JP	2023-065710	CONTEXT-BASED INTRA PREDICTION
1811	pending	VN	1-2021-05331	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-TRANSITORY COMPUTER-READABLE MEDIUM?
1812	pending	IN	202027056419	INTERACTION BETWEEN LUT AND AMVP
1813	pending	EP	20791070.4	CONTEXT CODING FOR TRANSFORM SKIP MODE
1814	pending	CN	202080012488.3	CONDITIONALLY DEPENDENT VIDEO BLOCK SEGMENTATION
1815	pending	US	17/386,403	PREDICTION USING INTRA-BUFFER SAMPLES FOR INTRA BLOCK COPY IN VIDEO CODING
1816	pending	AU	2020258477	CONTEXT CODING FOR TRANSFORM SKIP MODE
1817	granted	RU	2020138539	INTERACTION BETWEEN LUT AND AMVP

1818	granted	TW	108124973	EXTENSION OF LOOK-UP TABLE BASED MOTION VECTOR PREDICTION WITH TEMPORAL INFORMATION
1819	pending	BR	BR112022005293-6	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
1820	pending	KR	10-2021-7033435	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
1821	granted	JP	2021-562399	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
1822	granted	US	17/162,813	PARAMETER DERIVATION FOR INTRA PREDICTION
1823	granted	CN	202080018115.7	ORIENTATION-BASED PREDICTION FOR INTRA-FRAME BLOCK REPLICATION IN VIDEO CODECS
1824	pending	KR	10-2022-7010294	JOINT CODING OF CHROMA RESIDUAL AND FILTERING IN VIDEO PROCESSING
1825	pending	CN	201910804742.2	CONTEXT ENCODING WHEN PARTITIONING WITH EXTENDED QUADTREES
1826	pending	CN	202080018544.4	MOTION VECTOR MANAGEMENT FOR DECODER-SIDE MOTION VECTOR REFINEMENT
1827	granted	US	17/540,068	MOTION CANDIDATE LIST WITH GEOMETRIC PARTITION MODE CODING
1828	pending	EP	19736806.1	INTERACTION BETWEEN IBC AND ATMVP
1829	pending	US	18/083,956	PARAMETER DERIVATION IN CROSS COMPONENT MODE
1830	pending	CN	202310488397.2	METHOD AND APPARATUS FOR PROCESSING VIDEO DATA
1831	pending	KR	10-2022-7010655	PADDING PROCESS AT UNAVAILABLE SAMPLE LOCATIONS IN ADAPTIVE LOOP FILTERING
1832	pending	CN	201980005109.5	SIMPLIFICATION OF COMBINED INTERFRAME-INTRAFRAME PREDICTION
1833	pending	US	18/164,994	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION
1834	pending	EP	21760362.0	CONSTRAINS FOR HIGH LEVEL SYNTAX ELEMENTS
1835	granted	TW	108121349	DIFFERENT PRECISIONS FOR DIFFERENT REFERENCE LIST
1836	pending	KR	10-2021-7028520	MULTI-PARAMETER ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
1837	pending	IN	202227066705	SIGNALING OF GRADUAL DECODING REFRESH AND REFERENCE PICTURE LISTS
1838	pending	CN	202180008261.6	GENERALIZED CONSTRAINT INFORMATION FOR VIDEO CODECS

1839	pending	JP	2023-182911	CONSTRAINS FOR HIGH LEVEL SYNTAX ELEMENTS
1840	pending	SG	11202260372Q	ORDERING OF NAL UNITS IN CODED VIDEO
1841	granted	TW	108119606	GENERALIZED TERNARY TREE
1842	granted	US	17/356,275	USAGE OF CONVERTED UNI-PREDICTION CANDIDATE
1843	pending	CN	202311433163.4	ASPECTS OF IMPLEMENTATION IN INTRA-FRAME BLOCK REPLICATION IN VIDEO CODECS
1844	granted	ZA	2021/07948	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
1845	pending	KR	10-2022-7032741	CONFORMANCE WINDOW PARAMETERS IN VIDEO CODING
1846	pending	JP	2022-541250	GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING
1847	pending	CN	202180025544.1	HIGH-LEVEL SYNTAX IN IMAGE HEADERS
1848	pending	EP	21808809.4	INDICATION OF END OF SEQUENCE IN CODED VIDEO
1849	granted	TW	108123324	RULES ON UPDATING LUTS
1850	pending	CN	202180041812.9	SUBPICTURE SUBBITSTREAM EXTRACTION PROCESS ENHANCEMENT
1851	pending	BR	BR112021020026-6	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
1852	pending	JP	2022-501043	BITSTREAM CONFORMANCE CONSTRAINTS FOR INTRA BLOCK COPY IN VIDEO CODING
1853	pending	CN	202110460688.1	COMPONENT-DEPENDENT SUB-BLOCK SPLITTING
1854	pending	US	18/510,423	INTRA BLOCK COPY CODING AND DECODING
1855	pending	CN	202180024692.1	CODEC VIDEO PROCESSING USING ENHANCED QUADRATIC TRANSFORMS
1856	granted	GB	2018437.0	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS
1857	pending	CN	201910901081.5	SIGNALING NOTIFICATION WITH MOTION VECTOR ACCURACY INDICATION WITH ADAPTIVE MOTION VECTOR RESOLUTION
1858	granted	CN	202080035421.1	DE-SQUARING FILTER FOR VIDEO CODECS
1859	pending	US	18/320,782	INTERPLAY BETWEEN SUBPICTURES AND IN-LOOP FILTERING
1860	granted	TW	108123173	CHECKING ORDER OF MOTION CANDIDATES IN LUT

1861	pending	EP	20773685.1	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
1862	pending	KR	10-2021-7038504	CONDITIONAL IMPLEMENTATION OF MOTION CANDIDATE LIST CONSTRUCTION PROCESS
1863	pending	KR	10-2021-7031705	CALCULATION IN MATRIX-BASED INTRA PREDICTION
1864	granted	US	17/011,013	CHECKING ORDER OF MOTION CANDIDATES IN LUT
1865	pending	EP	20909161.0	CROSS COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODING
1866	granted	CN	201910842747.4	TWO-STEP INTER-FRAME PREDICTION
1867	pending	CN	201980076714.1	HYBRID APPROACH FOR INTER-FRAME PREDICTION WITH GEOMETRIC SEGMENTATION
1868	pending	EP	20875114.9	PADDING PROCESS AT UNAVAILABLE SAMPLE LOCATIONS IN ADAPTIVE LOOP FILTERING
1869	pending	EP	19740068.2	RESETTING OF LOOK UP TABLE PER SLICE/TILE/LCU ROW
1870	granted	CN	202080043277.6	MOTION CANDIDATE LIST WITH GEOMETRIC SEGMENTATION MODE CODING AND DECODING
1871	granted	JP	2021-567799	DEBLOCKING FILTER FOR VIDEO CODING
1872	pending	IN	202227057917	MINIMUM ALLOWED QUANTIZATION FOR TRANSFORM SKIP BLOCKS IN VIDEO CODING
1873	pending	KR	10-2022-7031064	CODING OF NEIGHBORING SUBPICTURES
1874	granted	US	17/110,009	SHAPE OF EQT SUBBLOCK
1875	pending	KR	10-2021-7008483	SIMPLIFIED PARAMETER DERIVATION FOR INTRA PREDICTION
1876	granted	US	17/399,879	MATRIX DERIVATION IN INTRA CODING MODE
1877	granted	TW	108130932	CONTEXT CODING IN PARTITIONING WITH EXTENDED QUADTREE
1878	pending	JP	2023-071920	DEBLOCKING FILTER FOR VIDEO CODING
1879	granted	US	17/887,294	USE OF GENERAL CONSTRAINT FLAGS IN VIDEO BITSTREAMS
1880	granted	TW	108123328	ORDER OF ROUNDING AND PRUNING IN LAMVR
1881	pending	KR	10-2023-7042210	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
1882	granted	CN	201980086773.7	MOTION PREDICTION BASED ON REVISION HISTORY
1883	pending	EP	20836703.7	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
1884	granted	JP	2022-517818	SCALING WINDOW IN VIDEO CODING

1885	pending	US	18/511,610	MOTION CANDIDATE DERIVATION BASED ON SPATIAL NEIGHBORING BLOCK IN SUB-BLOCK MOTION VECTOR PREDICTION
1886	pending	MY	PI2022000482	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
1887	granted	ZA	2021/07451	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
1888	pending	JP	2023-207340	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
1889	pending	US	18/531,153	CODING AND DECODING OF VIDEO CODING MODES
1890	granted	KR	10-2021-7012658	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
1891	granted	CN	202080073104.9	INTERACTION BETWEEN SUBPICTURES AND LOOP FILTERING
1892	granted	MX	MX/A/2022/000716	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
1893	pending	JP	2023-122288	ADAPTIVE MOTION VECTOR DIFFERENCE RESOLUTION FOR AFFINE MODE
1894	pending	KR	10-2021-7035774	SELECTION OF SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
1895	pending	US	18/525,428	CONSTRAINTS ON DECODING PICTURE BUFFER
1896	pending	BR	BR112021020065-7	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
1897	granted	US	17/897,943	CONSTRAINS FOR SYNTAX ELEMENTS OF ADAPTATION PARAMETER SET
1898	granted	US	17/411,296	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
1899	pending	CA	3134075	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
1900	pending	TW	108124974	CROSS-COMPONENT MOTION INFORMATION DERIVAITION
1901	granted	CN	201910487926.0	INTERACTION OF INTRAFRAME BLOCK REPLICATION AND BIDIRECTIONAL OPTICAL FLOW
1902	pending	CN	202180026946.3	CONSISTENCY WINDOW PARAMETERS IN VIDEO CODECS
1903	pending	BR	BR112021009666-3	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
1904	pending	CN	202080043276.1	SIMPLIFIED TRANSFORM CODEC TOOL
1905	pending	US	18/498,665	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING

1906	pending	CN	202080057707.X	COUNTER-BASED UPDATE OF INTRA-FRAME PREDICTION PATTERNS
1907	pending	MX	MX/A/2021/012470	PARAMETER DERIVATION IN CROSS COMPONENT MODE
1908	granted	JP	2021-576244	SYNTAX ELEMENT FOR CHROMA RESIDUAL SCALING
1909	pending	TH	2101004351	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
1910	granted	JP	2021-564420	CONDITIONS FOR APPLICABILITY OF CROSS-COMPONENT CODING
1911	pending	JP	2022-548759	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO SLICES
1912	granted	CN	201910584493.0	SELECTION FROM MULTIPLE LOOKUP TABLES (LUTS)
1913	pending	VN	1-2021-06624	METHOD AND APPARATUS OF PROCESSING VIDEO DATA AND COMPUTER READABLE MEDIA
1914	granted	US	17/839,860	SIGNALING OF SLICE TYPE AND VIDEO LAYERS
1915	pending	IN	202227005254	PALETTE MODE CODING IN PREDICTION PROCESS
1916	granted	CN	201910586876.1	PRIORITY-BASED NON-ADJACENT MERGE DESIGN
1917	pending	IN	202227036459	CONSTRAINTS ON SIGNALING OF VIDEO LAYERS IN CODED BITSTREAMS
1918	pending	KR	10-2020-7038011	RESETTING OF LOOK UP TABLE PER SLICE/TILE/LCU ROW
1919	pending	EP	20805395.9	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
1920	granted	MX	MX/A/2021/010980	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
1921	granted	CN	201910901046.3	NON-AFFINE BLOCKS PREDICTED FROM AFFINE MOTION
1922	granted	JP	2022-508460	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
1923	granted	JP	2021-560955	MATRIX DERIVATION IN INTRA CODING MODE
1924	granted	US	17/005,574	CHECKING ORDER OF MOTION CANDIDATES IN LUT
1925	pending	ID	P00202200992	QUANTIZATION PROCESS FOR PALETTE MODE
1926	granted	TW	108134304	SIGNALING OF MOTION VECTOR PRECISION INDICATION WITH ADAPTIVE MOTION VECTOR RESOLUTION
1927	pending	US	17/977,471	SIGNALING OF CHROMA RESIDUAL SCALING

1928	pending	IN	202227036458	PROFILE, TIER AND LAYER INDICATION IN VIDEO CODING
1929	pending	KR	10-2022-7005053	DEBLOCKING FILTERING AT CODING BLOCK OR SUBBLOCK BOUNDARY
1930	granted	CN	202080029809.0	REGION-BASED GRADIENT COMPUTATION IN DIFFERENT MOTION VECTOR REFINEMENTS
1931	granted	CN	201910718737.X	MV ACCURACY IN BIO
1932	granted	US	17/479,192	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
1933	pending	JP	2022-542121	CONSTRAINTS ON VALUE RANGES IN VIDEO BITSTREAMS
1934	pending	EP	21809297.1	SCALING WINDOW IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
1935	granted	US	16/803,706	RESETTING OF LOOK UP TABLE PER SLICE/TILE/LCU ROW
1936	pending	JP	2022-575700	HANDLING OF SUPPLEMENTAL ENHANCEMENT INFORMATION IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
1937	pending	CN	202080008508.X	CONDITION-BASED ASYMMETRIC QUADTREE SPLITTING
1938	pending	US	18/071,324	SIMPLIFICATION OF COMBINED INTER-INTRA PREDICTION
1939	pending	US	18/090,681	BOUNDARY LOCATION FOR ADAPTIVE LOOP FILTERING
1940	pending	JP	2023-197883	SYNTAX SIGNALING AND PARSING BASED ON COLOUR COMPONENT
1941	granted	CN	201980083979.4	MOTION VECTOR RANGE BASED ON MOTION VECTOR ACCURACY
1942	pending	CN	202080070273.7	LEVEL-BASED SIGNALING NOTIFICATION FOR VIDEO CODEC TOOLS
1943	pending	US	18/342,514	BLOCK SIZE RESTRICTIONS FOR DMVR
1944	pending	IN	202147020318	POSITION BASED INTRA PREDICTION
1945	granted	CN	202080026399.4	BIDIRECTIONAL OPTICAL STREAMING BASED VIDEO CODEC AND DECODING
1946	pending	JP	2023-028883	CHECKING ORDER OF MOTION CANDIDATES IN LUT
1947	granted	CN	202080034419.2	APPLICABILITY CONDITIONS FOR CROSS-COMPONENT CODING AND DECODING
1948	pending	IN	202247057403	SIGNALING FOR INTER PREDICTION IN HIGH LEVEL SYNTAX
1949	granted	CN	201910901089.1	CONSTRUCTION OF CAMPAIGN CANDIDATE LISTS
1950	pending	US	17/651,956	COUNTER-BASED INTRA PREDICTION MODE

1951	pending	IN	202247023112	INTERPLAY BETWEEN SUBPICTURES AND IN-LOOP FILTERING
1952	granted	US	17/384,246	IMPLEMENTATION ASPECTS IN INTRA BLOCK COPY IN VIDEO CODING
1953	granted	MX	MX/A/2022/000123	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
1954	pending	CN	202080076944.0	BLOCK SIZE LIMITS FOR CROSS-COMPONENT VIDEO CODECS
1955	granted	US	17/711,319	SLICE LEVEL SIGNALING IN VIDEO BITSTREAMS THAT INCLUDE SUBPICTURES
1956	pending	CN	202180037141.9	SIGNALING FOR GENERIC LEVEL INDEXING
1957	pending	KR	10-2022-7044108	SIGNALING OF QUANTIZATION INFORMATION IN CODED VIDEO
1958	pending	VN	1-2021-06135	METHOD AND APPARATUS FOR PROCESSING VIDEO DATA AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
1959	granted	MY	PI2021005954	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
1960	granted	US	17/546,665	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
1961	granted	CN	201980072612.2	POSITION-DEPENDENT INTRA-FRAME PREDICTION
1962	granted	CN	201910919460.7	MOTION VECTOR ACCESS RANGE FOR AFFINE
1963	pending	KR	10-2022-7013426	CROSS-COMPONENT ADAPTIVE LOOP FILTER
1964	pending	CA	3181101	SIGNALING OF GENERAL CONSTRAIN INFORMATION
1965	granted	TW	108123158	EXTENDED MERGE MODE
1966	pending	CN	202180037222.9	IMPROVEMENT OF SUB-PICTURE SUB-BITSTREAM EXTRACTION
1967	pending	RU	2022107440	CODING MODE DETERMINATION BASED ON COLOR FORMAT
1968	pending	KR	10-2021-7039968	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES
1969	pending	TH	2101002658	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
1970	pending	CN	202210483116.X	INTERACTION OF INTRAFRAME BLOCK REPLICATION AND BIDIRECTIONAL OPTICAL FLOW
1971	pending	JP	2023-191676	DATA STORAGE IN BUFFERS FOR INTRA BLOCK COPY IN VIDEO CODING
1972	granted	RU	2021125411	PARAMETER DERIVATION FOR INTRA PREDICTION

1973	pending	SG	11202109026S	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
1974	pending	BR	BR112022024660-9	SIGNALING OF GENERAL CONSTRAIN INFORMATION
1975	pending	CN	202080059654.5	USING BOUNDARY STRENGTH IN DE-SQUARE FILTERING
1976	pending	US	17/835,599	CROSS-COMPONENT PREDICTION USING MULTIPLE COMPONENTS
1977	granted	US	17/411,204	SYMMERTRIC MOTION VECTOR DIFFERENCE CODING
1978	pending	AU	2020256658	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
1979	pending	KR	10-2021-7014518	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
1980	granted	CN	202080016215.6	TWO-STAGE SIGNALING FOR FILTERED INFORMATION IN VIDEO PROCESSING
1981	granted	CN	201910866520.3	ONE-LINE CROSS-COMPONENT LINEAR MODEL PREDICTION PATTERNS
1982	pending	CN	202080008504.1	SIGNALING NOTIFICATION FOR VIDEO BLOCK SEGMENTATION MODE
1983	pending	EP	20748417.1	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
1984	granted	GB	2101256.2	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
1985	pending	US	18/076,031	BITSTREAM CONFORMANCE CONSTRAINTS FOR INTRA BLOCK COPY IN VIDEO CODING
1986	pending	US	17/374,208	MOTION CANDIDATES DERIVATION
1987	granted	JP	2022-523814	SIGNALING FOR REFERENCE PICTURE RESAMPLING
1988	pending	BR	BR112022011466-4	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
1989	pending	CN	202080058676.X	ENTROPY CODING AND DECODING FOR PALETTE ESCAPE SYMBOLS
1990	pending	RU	2022131387	SIGNALING OF GENERAL CONSTRAIN INFORMATION
1991	pending	IN	202247052957	CONSTRAINTS ON REFERENCE PICTURE ORDER
1992	pending	SG	11202260419T	NUMBER RESTRICTION FOR SUBLAYERS
1993	pending	KR	10-2022-7020503	SIGNALING OF DECODED PICTURE BUFFER PARAMETERS IN LAYERED VIDEO
1994	granted	US	17/523,131	DEBLOCKING FILTER FOR VIDEO CODING
1995	granted	US	17/342,996	CALCULATION IN MATRIX-BASED INTRA PREDICTION
1996	granted	US	17/893,500	USING PICTURE LEVEL SLICE INDEX IN VIDEO CODING

1997	pending	IN	202127036152	MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY (IBC) MODE AND NON-IBC INTER MODE
1998	granted	CN	202080006625.2	SIMPLIFIED CONTEXT MODELING FOR CONTEXT-ADAPTIVE BINARY ARITHMETIC CODING
1999	pending	CN	202180020117.4	IMPLICIT MULTI-TRANSFORM SET SIGNALING NOTIFICATION IN VIDEO CODECS
2000	granted	US	17/692,929	PALETTE PREDICTOR SIZE ADAPTATION IN VIDEO CODING
2001	pending	VN	1-2021-05994	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
2002	granted	US	17/522,387	TRANSFORM BYPASS CODED RESIDUAL BLOCKS IN DIGITAL VIDEO
2003	pending	CN	202080041889.1	SUBBLOCK-BASED INTRAFRAME BLOCK REPLICATION AND INTERACTION BETWEEN DIFFERENT CODEC TOOLS
2004	granted	CN	201910586486.4	SYMMETRIC BIDIRECTIONAL PREDICTION MODELS FOR VIDEO CODING
2005	granted	CN	201980068628.6	VIDEO PROCESSING USING LOCALIZED LIGHTING COMPENSATION
2006	granted	MX	MX/A/2021/008963	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
2007	granted	CN	201980074673.2	HISTORY-BASED MOTION CANDIDATE LIST CONSTRUCTION FOR IN-FRAME BLOCK REPLICATION
2008	pending	US	17/691,910	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
2009	pending	EP	21738315.7	SIGNALLING OF THE PRESENCE OF INTER-LAYER REFERENCE PICTURES
2010	pending	KR	10-2023-7043889	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
2011	pending	CN	202311459978.X	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETERS IN TRANSFORM SKIP MODE
2012	pending	JP	2023-126471	MOTION VECTOR PREDICTION OF GEOMETRY PARTITIONS
2013	granted	US	17/358,568	MODIFIED HISTORY BASED MOTION PREDICTION
2014	granted	US	17/965,315	SIGNIFICANT COEFFICIENT SIGNALING IN VIDEO CODING
2015	granted	CN	201980076197.8	PREDICTION REFINEMENT FOR COMBINING INTER-FRAME AND INTRA-FRAME PREDICTION MODELS
2016	granted	CN	202080035262.5	SELECTIVE USE OF CODEC TOOLS IN VIDEO PROCESSING

2017	granted	CN	201910791354.5	OVERLAPPING BLOCK MOTION COMPENSATION USING TIME DOMAIN NEIGHBORS
2018	pending	IN	202247071688	SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS ENHANCEMENTS
2019	pending	JP	2022-521190	PADDING PROCESS AT UNAVAILABLE SAMPLE LOCATIONS IN ADAPTIVE LOOP FILTERING
2020	granted	JP	2020-570793	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
2021	pending	BR	BR112022000187-8	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
2022	pending	SG	11202107760P	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
2023	granted	US	17/167,232	HISTORY BASED MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY
2024	pending	US	17/949,045	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
2025	granted	US	17/528,312	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
2026	pending	EP	21771747.9	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
2027	granted	US	17/570,783	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
2028	pending	US	18/299,592	VIDEO PROCESSING USING LOCAL ILLUMINATION COMPENSATION
2029	pending	MY	PI2022000481	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
2030	pending	CN	202080040204.1	ONE-STEP DOWNSAMPLING PROCESS IN MATRIX-BASED INTRAFRAME PREDICTION
2031	pending	US	17/942,432	HIGH LEVEL BITSTREAM SYNTAX FOR QUANTIZATION PARAMETERS
2032	pending	CN	202310721164.2	SYNTACTIC REUSE OF AFFINE PATTERNS WITH ADAPTIVE MOTION VECTOR RESOLUTION
2033	pending	US	18/174,131	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODING
2034	pending	JP	2023-188074	SUB-PARTITIONING IN INTRA CODING
2035	pending	BR	BR112021022868-3	MATRIX-BASED INTRA PREDICTION USING UPSAMPLING
2036	pending	BR	BR112021020796-1	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
2037	granted	US	17/361,837	RESTRICTIONS ON ADAPTIVE-LOOP FILTERING PARAMETER SETS
2038	pending	CN	202080027631.6	ENTRY CONSTRUCTION FOR PALETTE MODE CODECS

2039	granted	US	17/322,579	EXTENDED APPLICATION OF COMBINED INTRA-INTER PREDICTION
2040	granted	MX	MX/A/2021/006254	CONTEXT-BASED INTRA PREDICTION
2041	granted	IN	202247059133	PRESENCE OF ADAPTATION PARAMETER SET UNITS
2042	pending	KR	10-2021-7037023	MATRIX-BASED INTRA PREDICTION USING UPSAMPLING
2043	pending	CN	202080034839.0	SCALING METHODS IN VIDEO CODECS
2044	granted	US	17/209,410	NON-AFFINE BLOCKS PREDICTED FROM AFFINE MOTION
2045	pending	CN	202180014785.6	SIGNALING NOTIFICATION OF CODEC INFORMATION IN A VIDEO BITSTREAM
2046	pending	CN	202080008507.5	ASYMMETRIC QUADTREE SPLITTING
2047	granted	US	17/480,216	INTRA VIDEO CODING USING MULTIPLE REFERENCE FILTERS
2048	pending	JP	2023-204308	PREDICTION TYPE SIGNALING IN VIDEO CODING
2049	pending	CN	202311759743.2	RECORDING THE CONTEXT OF AFFINE MODE ADAPTIVE MOTION VECTOR RESOLUTION
2050	pending	EP	20832921.9	SYNTAX ELEMENT FOR CHROMA RESIDUAL SCALING
2051	pending	CN	202080064322.6	QUANTIZATION PARAMETERS FOR CHROMINANCE DEBLOCKING FILTERING
2052	pending	EP	21796181.2	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
2053	granted	US	17/225,433	MULTI- ITERATION MOTION VECTOR REFINEMENT
2054	granted	JP	2021-543340	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
2055	granted	CN	201910637508.5	CROSS-COMPONENT CODING INFORMATION EXPORT
2056	granted	KR	10-2022-7004742	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
2057	pending	CN	201980072653.1	PREDICTION ACCURACY IMPROVES VIDEO CODECS
2058	pending	SG	11202113846T	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES
2059	pending	BR	BR112021010428-3	CONTEXT-BASED INTRA PREDICTION
2060	granted	US	16/998,348	SIMPLIFIED ENTROPY CODING FOR SUB-BLOCK BASED MOTION INFORMATION LIST
2061	granted	MX	MX/A/2021/011619	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION

2062	pending	SG	11202251184K	CONSTRAINTS FOR VIDEO CODING AND DECODING
2063	pending	EP	20791054.8	MATRIX DERIVATION IN INTRA CODING MODE
2064	granted	CN	201910586408.4	CLASSIFICATION OF ZERO UNITS
2065	granted	US	18/077,880	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
2066	pending	KR	10-2021-7037074	SYNTAX SIGNALING IN SUB-BLOCK MERGE MODE
2067	granted	IN	202247046913	USE OF GENERAL CONSTRAINT FLAGS IN VIDEO BITSTREAMS
2068	pending	EP	20766773.4	USAGE OF CONVERTED UNI-PREDICTION CANDIDATE
2069	pending	CN	202080074432.0	COMPUTATION FOR MULTI-CODEC TOOLS
2070	pending	EP	20833143.9	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
2071	pending	EP	21784149.3	SIGNALING FOR INTER PREDICTION IN HIGH LEVEL SYNTAX
2072	granted	TW	108123165	RESETTING OF LOOK UP TABLE PER SLICE/TILE/LCU ROW
2073	pending	EP	19892183.5	CONTEXT-BASED INTRA PREDICTION
2074	granted	US	17/193,397	REPRESENTATION OF AFFINE MODEL
2075	pending	CN	202180022468.9	CONSTRAINTS ON THE ORDER OF REFERENCE IMAGES
2076	pending	EP	20817988.7	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION
2077	pending	EP	20777266.6	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2078	pending	JP	2022-547710	PALETTE MODE FOR LOCAL DUAL TREE
2079	pending	CN	202080059166.4	POSITION-BASED COEFFICIENT SCALING
2080	pending	CA	3146773	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
2081	pending	JP	2021-570148	RESTRICTED UPSAMPLING PROCESS IN MATRIX-BASED INTRA PREDICTION
2082	granted	JP	2021-532854	MOTION VECTOR PRECISION IN MERGE WITH MOTION VECTOR DIFFERENCE MODE
2083	pending	JP	2023-117435	PADDING PROCESS IN ADAPTIVE LOOP FILTERING
2084	pending	CN	202311567010.9	DERIVATION OF REFERENCE SAMPLE POINT LOCATIONS IN VIDEO CODECS
2085	granted	TW	108129924	REDUCED WINDOW SIZE FOR BILATERAL FILTER
2086	granted	ZA	2021/05840	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION

2087	granted	KR	10-2022-7018871	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
2088	pending	IN	202127050476	CONTEXT MODELING OF REDUCED SECONDARY TRANSFORMS IN VIDEO
2089	pending	JP	2023-204674	CODING OF PICTURES CONTAINING SLICES AND TILES
2090	granted	US	17/324,482	TECHNIQUES FOR USING A DECODER SIDE MOTION VECTOR REFINEMENT TOOL
2091	pending	JP	2022-571100	SIGNALLING OF GENERAL CONSTRAINS FLAG
2092	pending	MX	MX/A/2022/007503	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS
2093	pending	RU	2021129309	PARAMETER DERIVATION IN CROSS COMPONENT MODE
2094	granted	US	17/365,843	NUMBER OF MOTION CANDIDATES IN A LOOK UP TABLE TO BE CHECKED ACCORDING TO MODE
2095	granted	SG	11202108209Y	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
2096	pending	BR	BR112022025149-1	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
2097	granted	CN	201980080911.0	SHIFT OF THE AFFINE PARAMETERS
2098	granted	US	17/126,825	VIRTUAL MERGE CANDIDATES
2099	granted	US	17/580,314	MODE DETERMINATION FOR PALETTE MODE CODING
2100	granted	US	17/893,481	PARTITION CALCULATION BASED ON SUBPICTURE LEVEL
2101	pending	PH	1-2022-550067	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
2102	granted	US	17/319,950	PRUNING METHOD FOR HISTORY-BASED AFFINE PARAMETERS
2103	granted	US	17/239,614	BLOCK PARTITIONING METHOD AND APPARATUS
2104	pending	KR	10-2021-7034562	SIGNALING IN TRANSFORM SKIP MODE
2105	pending	EP	20858015.9	DEBLOCKING FILTERING AT CODING BLOCK OR SUBBLOCK BOUNDARY
2106	pending	US	18/074,898	INTRA BLOCK COPY USING NON-ADJACENT NEIGHBORING BLOCKS
2107	granted	CN	202080055797.9	VIDEO REGION SEGMENTATION BASED ON COLOR FORMAT
2108	granted	US	17/139,200	PRIORITY-BASED NON-ADJACENT MERGE DESIGN
2109	pending	CN	202180024977.5	CROPPING OPERATIONS FOR REFERENCE PICTURE WRAPPING
2110	granted	CN	201980072731.8	SIMPLIFIED PARAMETER DERIVATION FOR INTRA-FRAME PREDICTION

2111	pending	KR	10-2021-7037075	CODING OF BLOCK VECTORS FOR INTRA BLOCK COPY-CODED BLOCKS
2112	pending	CN	202311473550.0	JOINT CODEC AND FILTERING OF CHROMATICITY RESIDUALS IN VIDEO PROCESSING
2113	pending	CN	202080091436.X	ADAPTIVE COLOR TRANSFORMATION IN VIDEO CODECS
2114	pending	US	17/994,092	RESTRICTIONS ON IN-LOOP FILTERING
2115	pending	CN	202311555604.8	GEOMETRIC SEGMENTATION PATTERNS IN VIDEO CODECS
2116	pending	BR	BR 112022025044-4	VIDEO PARAMETER SET CONSTRAINTS FOR SUBPICTURE SUB-BITSTREAM EXTRACTION
2117	granted	CN	202080030895.7	CONDITIONAL USE OF MULTIPLE TRANSFORMATION MATRICES IN VIDEO CODECS
2118	granted	US	16/998,406	INTER PREDICTION WITH REFINEMENT IN VIDEO PROCESSING
2119	pending	IN	202147034190	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
2120	granted	TW	108123176	SPATIAL MOTION COMPRESSION
2121	granted	GB	2018260.6	SELECTION OF CODED MOTION INFORMATION FOR LUT UPDATING
2122	granted	JP	2022-516001	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
2123	granted	AU	2020235190	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
2124	pending	BR	BR112021019176-3	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
2125	granted	US	17/204,448	FAST ALGORITHMS FOR ADAPTIVE MOTION VECTOR RESOLUTION IN AFFINE MODE
2126	pending	ID	P00202108489	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
2127	pending	SG	11202261074V	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
2128	granted	CN	201910488490.7	FLEXIBLE TREE
2129	pending	CN	202210307588.X	SELECTION OF MOTION INFORMATION FOR CODES USED FOR LOOKUP TABLE UPDATES
2130	granted	CN	201910792767.5	METHOD AND APPARATUS FOR TRIMMING IN A VIDEO BLOCK BASED ON SKIPPING AND DIRECT MODE CODECS WITH MULTI-MOTION MODELING
2131	pending	IN	202227066742	SCALING WINDOW IN VIDEO CODING
2132	pending	KR	10-2022-7005834	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODING

2133	pending	CN	201980080075.6	PARTIAL PRUNING METHODS FOR INTER-FRAME PREDICTION
2134	pending	US	17/317,522	CODING AND DECODING OF VIDEO CODING MODES
2135	granted	TW	108119586	INTERACTION BETWEEN IBC AND BIO
2136	granted	JP	2022-562261	GENERAL CONSTRAINT INFORMATION IN VIDEO CODING
2137	pending	CA	3135944	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
2138	pending	JP	2022-102073	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
2139	pending	CN	202180026199.3	ADVANCED CONTROL OF FILTERING IN VIDEO CODECS
2140	pending	KR	10-2022-7042308	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
2141	granted	CN	202080036652.4	NOTIFICATION SYNTAX ELEMENT BASED ON CHROMA FORMAT SIGNALING
2142	pending	CN	202180037277.X	HANDLING OF CODEC VIDEO IN SUB-BITSTREAM EXTRACTION PROCESSING
2143	pending	JP	2022-575706	VIDEO PARAMETER SET CONSTRAINTS FOR SUBPICTURE SUB-BITSTREAM EXTRACTION
2144	pending	CN	202311524871.9	LIMITATIONS ON THE USE OF TOOLS ACCORDING TO THE TYPE OF REFERENCE IMAGE
2145	pending	CN	202080011162.9	RECORDING THE CONTEXT OF AFFINE MODE ADAPTIVE MOTION VECTOR RESOLUTION
2146	pending	US	17/949,064	USE OF SUBPICTURE INFORMATION IN VIDEO CODING
2147	granted	US	17/238,518	SEARCHING BASED MOTION CANDIDATE DERIVATION FOR SUB-BLOCK MOTION VECTOR PREDICTION
2148	pending	CN	202080012003.0	BUFFER RESET FOR IN-FRAME BLOCK COPYING IN VIDEO CODECS
2149	pending	CN	202080069970.0	SYNTAX FOR SUB-PICTURE SIGNALING NOTIFICATIONS IN VIDEO BITSTREAMS
2150	granted	US	17/167,192	CONSTRUCTION METHOD FOR A SPATIAL MOTION CANDIDATE LIST
2151	pending	US	18/529,560	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
2152	granted	CN	202080038022.0	SYNTACTIC SIGNALING FOR OPTICAL FLOW-BASED INTERFRAME CODING
2153	granted	CN	201910488491.1	INTERACTION OF INTRAFRAME BLOCK COPYING WITH INTERFRAME ENCODING TOOLS

2154	pending	CN	202180008570.3	JOINT CODING AND DECODING OF CHROMATICITY RESIDUALS AND ADAPTIVE COLOR TRANSFORMATION
2155	pending	CN	202311469575.3	DETERMINATION OF IMAGE SEGMENTATION PATTERNS BASED ON BLOCK SIZE
2156	granted	JP	2021-523349	SIDE INFORMATION SIGNALING FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
2157	granted	CN	202080075407.4	SIGNALING WITH REFERENCE PICTURE RESAMPLING
2158	pending	IN	202247055944	SLICE TYPE IN VIDEO CODING
2159	pending	JP	2022-556157	CONSTRAINTS ON REFERENCE PICTURE ORDER
2160	granted	US	17/538,916	CONDITIONAL IMPLEMENTATION OF MOTION CANDIDATE LIST CONSTRUCTION PROCESS
2161	pending	US	17/886,084	REFERENCE PICTURE RESAMPLING ACTIVATION IN VIDEO CODING
2162	pending	BR	BR112022005133-6	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING
2163	pending	CN	202080013644.8	HISTORY UPDATE BASED ON MOTION VECTOR PREDICTION TABLE
2164	granted	US	17/523,167	BLOCK DIMENSION SETTINGS OF TRANSFORM SKIP MODE
2165	granted	TW	108119615	ASYMMETRIC WEIGHTED BI-PREDICTIVE MERGES
2166	granted	US	16/993,526	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
2167	pending	US	17/380,278	UNIFIED CONSTRAINS FOR THE MERGE AFFINE MODE AND THE NON-MERGE AFFINE MODE
2168	granted	CN	201980080082.6	A PARTIAL PRUNING METHOD FOR HISTORY-BASED MOTION VECTOR PREDICTION (HMVP) MODELS
2169	granted	CN	202080032683.2	MATRIX-BASED INTRA-FRAME PREDICTION USING FILTERING
2170	pending	EP	21787550.9	USE RESTRICTIONS FOR CROSS-COMPONENT PREDICTION
2171	pending	KR	10-2022-7008360	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
2172	pending	CA	3121671	CONTEXT-BASED INTRA PREDICTION
2173	pending	US	18/174,168	SYNTAX SIGNALING AND PARSING BASED ON COLOUR COMPONENT
2174	pending	CA	3128424	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS

2175	pending	CN	202180037477.5	SCALING WINDOW IN SUB-PICTURE SUB-BITSTREAM EXTRACTION PROCESSING
2176	granted	CN	202080035008.5	CONTEXTUAL MODELING OF SIMPLIFIED QUADRATIC TRANSFORMS IN VIDEO
2177	pending	KR	10-2021-7031769	SYMMERTRIC MOTION VECTOR DIFFERENCE CODING
2178	pending	EP	20862153.2	CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
2179	pending	CN	202180032030.9	SUBLAYER INFORMATION IN VIDEO CODECS
2180	granted	US	17/957,882	CONSTRAINTS ON COLLOCATED PICTURES IN VIDEO CODING
2181	pending	CN	202080012236.0	INTERACTION BETWEEN LOOP SHAPING AND INTRAFRAME BLOCK REPLICATION
2182	granted	US	17/845,400	PROFILE, TIER AND LAYER INDICATION IN VIDEO CODING
2183	pending	JP	2023-166357	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
2184	pending	JP	2023-189118	4SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
2185	pending	ID	P00202105930	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
2186	pending	IN	202227009146	RESIDUAL CODING FOR TRANSFORM SKIPPED BLOCKS
2187	pending	CN	202180022450.9	IN-FRAME RANDOM ACCESS POINTS FOR IMAGE CODING AND DECODING
2188	pending	EP	20748416.3	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
2189	pending	CN	202080068176.4	GEOMETRIC SEGMENTATION PATTERNS IN VIDEO CODECS
2190	granted	IN	202127022072	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
2191	pending	JP	2023-198244	WEIGHTING FACTORS FOR PREDICTION SAMPLE FILTERING IN INTRA MODE
2192	granted	CN	202080034733.0	IMPROVEMENTS TO THE HMVP TABLE
2193	pending	IN	202247013800	QUANTIZATION PARAMETER OFFSET FOR CHROMA DEBLOCKING FILTERING
2194	pending	KR	10-2022-7043111	PICTURE HEADER CONSTRAINTS FOR MULTI-LAYER VIDEO CODING
2195	pending	VN	1-2022-02350	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
2196	pending	CN	202311508163.6	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODECS

2197	pending	EP	19739717.7	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS
2198	granted	US	17/949,938	REFERENCE PICTURE RESAMPLING
2199	granted	JP	2021-551761	SIGNALING OF RESHAPING INFORMATION IN VIDEO PROCESSING
2200	granted	TW	108123179	PRIORITY-BASED NON-ADJACENT MERGE DESIGN
2201	pending	IN	202147023298	MOTION VECTOR PRECISION IN MERGE WITH MOTION VECTOR DIFFERENCE MODE
2202	pending	US	17/398,903	DECODER SIDE MOTION DERIVATION BASED ON PROCESSING PARAMETERS
2203	granted	US	17/405,304	SIGNALING OF CHROMA AND LUMA SYNTAX ELEMENTS IN VIDEO CODING
2204	pending	CN	202180027687.6	MINIMUM ALLOWABLE QUANTIZATION OF TRANSFORM SKIP BLOCKS IN VIDEO CODECS
2205	granted	KR	10-2020-7037769	WHICH LUT TO BE UPDATED OR NO UPDATING
2206	pending	SG	11202200939V	VIDEO REGION PARTITION BASED ON COLOR FORMAT
2207	pending	KR	10-2022-7026834	COLLOCATED PICTURE INDICATION IN VIDEO BITSTREAMS
2208	granted	US	17/343,041	INTERACTION BETWEEN MATRIX-BASED INTRA PREDICTION AND OTHER CODING TOOLS
2209	pending	JP	2021-523502	POSITION DEPENDENT INTRA PREDICTION
2210	pending	KR	10-2022-7026837	USE OF GENERAL CONSTRAINT FLAGS IN VIDEO BITSTREAMS
2211	pending	JP	2023-130143	CODING OF BLOCK VECTORS FOR INTRA BLOCK COPY-CODED BLOCKS
2212	granted	CN	202080051241.2	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
2213	pending	CN	202080069924.0	STRIP-LEVEL SIGNALING NOTIFICATION IN VIDEO BITSTREAMS THAT INCLUDE SUBPICTURES
2214	pending	CN	202311763310.4	METHOD, APPARATUS AND COMPUTER-READABLE RECORDING MEDIUM FOR PROCESSING VIDEO DATA
2215	granted	US	17/965,325	ENTROPY CODING FOR PALETTE ESCAPE SYMBOL
2216	pending	CN	202080019945.1	ADAPTIVE WEIGHTING AMONG MULTIPLE HYPOTHESIS PREDICTION IN VIDEO CODECS
2217	pending	EP	19740078.1	BLOCK SIZE RESTRICTIONS FOR DMVR

2218	granted	TW	108129516	FORCED BOUNDARY PARTITIONING FOR EXTENDED QUADTREE PARTITIONS
2219	pending	US	17/589,483	SIZE RESTRICTION BASED ON COLOR FORMAT
2220	pending	EP	21771243.9	USING VIDEO PARAMETER SET IN VIDEO CODING
2221	pending	JP	2023-189616	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
2222	granted	CN	201910901399.3	PREDICTION OF NON-SUBBLOCKED SPATIO-TEMPORAL MOTION VECTORS USING INTER-FRAME MODE
2223	granted	JP	2021-551760	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
2224	pending	EP	20886017.1	CROSS-COMPONENT ADAPTIVE LOOP FILTER
2225	pending	CN	202180027492.1	CONSTRAINTS ON THE SYNTACTIC ELEMENTS OF THE ADAPTIVE PARAMETER SET
2226	pending	EP	21781004.3	COEFFICIENTS CODING IN TRANSFORM SKIP MODE
2227	pending	ZA	2021/07888	CONTEXT CODING FOR TRANSFORM SKIP MODE
2228	pending	CN	202080012240.7	MULTI-HMVP FOR AFFINE PROJECTIONS
2229	granted	US	17/166,755	INTERACTION BETWEEN DIFFERENT DMVD MODELS
2230	granted	US	16/850,509	POSITION BASED INTRA PREDICTION
2231	granted	CN	201910586176.2	VIDEO PROCESSING METHOD, APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM
2232	pending	VN	1-2022-02118	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM
2233	pending	CN	202080090438.7	SIGNALING NOTIFICATION IN VIDEO CODEC CODEC PICTURE BUFFER LEVELS
2234	pending	IN	202247015882	SELECTIVE APPLICATION OF SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
2235	pending	EP	20864451.8	SCALING PROCESS FOR CODING BLOCK
2236	pending	BR	BR112021019679-0	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
2237	pending	JP	2023-168834	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
2238	pending	EP	20805202.7	MULTIPLE SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
2239	granted	US	17/696,560	TWO-PART SIGNALING OF ADAPTIVE LOOP FILTERS IN VIDEO CODING
2240	granted	CN	201910637484.3	EXTENDING LOOKUP TABLE-BASED MOTION VECTOR PREDICTION WITH TEMPORAL INFORMATION

2241	pending	EP	20905915.3	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
2242	pending	SG	11202111448W	CONTEXT CODING FOR TRANSFORM SKIP MODE
2243	pending	KR	10-2021-7032818	USE OF SECONDARY TRANSFORM IN CODED VIDEO
2244	pending	JP	2023-144057	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION
2245	pending	EP	19885858.1	SIMPLIFICATION OF COMBINED INTER-INTRA PREDICTION
2246	pending	JP	2022-516099	USING PALETTE PREDICTOR IN VIDEO CODING
2247	pending	IN	202247007862	ENTROPY CODING FOR PALETTE ESCAPE SYMBOL
2248	pending	US	18/081,404	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
2249	pending	CN	202310316522.1	POOR ACCURACY OF MOTION VECTORS WITHOUT MOTION VECTOR PREDICTION TRUNCATION FOR SELECTION
2250	granted	MX	MX/A/2020/013828	INTERACTION BETWEEN LUT AND AMVP
2251	granted	US	17/582,690	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
2252	pending	KR	10-2022-7022235	PROCESSING OF FILLER DATA UNITS IN VIDEO STREAMS
2253	pending	IN	202247039824	SIGNALLING OF THE PRESENCE OF INTER-LAYER REFERENCE PICTURES
2254	pending	KR	10-2022-7007042	INTRA BLOCK COPY CODING AND DECODING
2255	granted	US	17/540,089	CONDITIONAL SIGNALING OF REDUCED SECONDARY TRANSFORM IN VIDEO BITSTREAMS
2256	pending	IN	202227067070	SUBPICTURE SUB-BITSTREAM EXTRACTION IMPROVEMENTS
2257	granted	JP	2022-556153	PICTURE OUTPUT FLAG INDICATION IN VIDEO CODING
2258	pending	US	18/484,912	ROUNDING IN PAIRWISE AVERAGE CANDIDATE CALCULATIONS
2259	pending	EP	20866418.5	LUMA MAPPING WITH CHROMA SCALING
2260	granted	GB	2101813.0	CONDITIONS FOR STARTING CHECKING HMVP CANDIDATES DEPEND ON TOTAL NUMBER MINUS K
2261	pending	SG	11202250828R	CONSTRAINTS ON SIGNALING OF HYPOTHETICAL REFERENCE DECODER PARAMETERS IN VIDEO BITSTREAMS

2262	granted	US	17/316,199	CONSTRUCTION OF AFFINE CANDIDATES IN VIDEO PROCESSING
2263	pending	CN	202311510343.8	SIGNALING NOTIFICATION FOR STRIP TYPE AND VIDEO LAYER
2264	pending	IN	202247007283	WEIGHTING FACTORS FOR PREDICTION SAMPLE FILTERING IN INTRA MODE
2265	pending	US	18/523,427	PALETTE MODE WITH LOCAL DUAL TREE MODETYPE DEFINITION
2266	pending	CN	202080063176.5	COEFFICIENT SCALING FOR HIGH-PRECISION IMAGE AND VIDEO CODECS
2267	pending	US	17/994,748	USING SUBPICTURES AND TILES IN VIDEO CODING
2268	pending	EP	20780075.6	RESTRICTIONS ON ADAPTIVE-LOOP FILTERING PARAMETER SETS
2269	pending	US	18/489,195	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
2270	pending	CN	202410193613.5	EXTENDED QUADTREES, KEY CONCEPTS OF UNEQUAL QUAD DIVISION, AND SIGNALING
2271	granted	CN	201980074700.6	MOTION CANDIDATE LIST CONSTRUCTION METHOD FOR IN-FRAME BLOCK REPLICATION
2272	pending	JP	2022-551569	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
2273	pending	US	17/873,917	MOTION COMPENSATION ALONG DIFFERENT DIRECTIONS
2274	granted	JP	2021-571828	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION
2275	granted	US	17/229,064	CONTEXT FOR CODING AFFINE MODE ADAPTIVE MOTION VECTOR RESOLUTION
2276	pending	US	18/517,328	SIGNALING OF GRADUAL DECODING REFRESH AND REFERENCE PICTURE LISTS
2277	pending	JP	2023-121558	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM
2278	pending	RU	2022107828	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
2279	pending	EP	23212092.3	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
2280	pending	EP	20805431.2	SIGNALING FOR REFERENCE PICTURE RESAMPLING
2281	pending	US	17/539,004	HISTORY-BASED MOTION VECTOR PREDICTION WITH DEFAULT PARAMETERS
2282	granted	US	17/850,670	SYNTAX FOR SIGNALING VIDEO SUBPICTURES
2283	granted	TW	108123341	USAGE OF LUTS

2284	pending	KR	10-2020-7037240	EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
2285	granted	US	17/582,447	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
2286	granted	JP	2022-542108	SIGNALLING OF HIGH LEVEL SYNTAX INDICATION
2287	pending	KR	10-2022-7042893	CONSTRAINTS OF SLICE COUNT IN A CODED VIDEO PICTURE
2288	pending	US	18/514,689	SCALING WINDOW IN VIDEO CODING
2289	pending	CN	202080053833.8	CONFIGURABLE CODEC TREE UNIT SIZES IN VIDEO CODECS
2290	granted	JP	2022-524990	SYNTAX SIGNALING AND PARSING BASED ON COLOUR COMPONENT
2291	pending	CN	202310986606.6	MULTIPLE HYPOTHESES FOR SUB-BLOCK PREDICTION BLOCKS
2292	granted	US	17/019,834	POSITION DEPENDENT STORAGE OF MOTION INFORMATION
2293	pending	EP	20862935.2	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
2294	pending	CN	202080041014.1	COMBINATORIAL INTRA-FRAME AND INTRA-BLOCK REPLICATION PREDICTION FOR VIDEO CODECS
2295	granted	CN	201980073935.3	ROUNDING IN THE CURRENT IMAGE REFERENCE
2296	pending	EP	19740427.0	CONDITIONS FOR UPDATING LUTS
2297	pending	IN	202247015459	QUANTIZATION PARAMETER DERIVATION FOR PALETTE MODE
2298	pending	JP	2022-549961	CODING OF PICTURES CONTAINING SLICES AND TILES
2299	pending	JP	2022-548756	USE OF GENERAL CONSTRAINT FLAGS IN VIDEO BITSTREAMS
2300	granted	JP	2021-567032	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
2301	granted	US	17/718,785	USE AND SIGNALING OF REFINING VIDEO CODING TOOLS
2302	pending	CN	201980068720.2	SUBBLOCK-BASED DERIVATION OF DECODER SIDE MOTION VECTORS
2303	pending	KR	10-2022-7015866	USING QUANTIZATION GROUPS IN VIDEO CODING
2304	pending	JP	2023-105110	DECODER SIDE MOTION VECTOR DERIVATION
2305	granted	US	17/976,189	ENTROPY CODING FOR MOTION PRECISION SYNTAX
2306	pending	US	18/295,553	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA PREDICTION
2307	granted	ZA	2021/06351	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING

2308	granted	US	17/506,578	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
2309	granted	JP	2022-539112	PROFILE, TIER AND LAYER INDICATION IN VIDEO CODING
2310	pending	EP	20844841.5	QUANTIZATION PROCESS FOR PALETTE MODE
2311	pending	EP	20880299.1	CALCULATION FOR MULTIPLE CODING TOOLS
2312	pending	US	18/517,997	INTER LAYER PREDICTION WITH DIFFERENT CODING BLOCK SIZE
2313	pending	AR	20210100172	SIGNALING OF SYNTAX ELEMENTS FOR REFERENCE PICTURE INDICATION
2314	pending	IN	202127036488	RESTRICTION OF APPLICABILITY FOR INTRA BLOCK COPY MODE
2315	pending	US	17/994,095	PALETTE MODE CODING IN PREDICTION PROCESS
2316	granted	MX	MX/A/2021/008911	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
2317	granted	US	17/360,902	SIMPLIFICATION OF HASH-BASED MOTION SEARCHING
2318	pending	CN	202180020877.5	ADAPTIVE LOOP FILTERING
2319	granted	CN	202080043084.0	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA-FRAME PREDICTION
2320	pending	JP	2022-575423	CONSTRAINTS OF SLICE COUNT IN A CODED VIDEO PICTURE
2321	pending	CN	202180013097.8	GEOMETRIC SEGMENTATION PATTERN
2322	pending	KR	10-2022-7000448	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
2323	granted	US	17/357,020	TWO-LEVEL SIGNALING OF FILTERING INFORMATION IN VIDEO PROCESSING
2324	granted	US	18/079,219	CONSTRAINTS ON PICTURE OUTPUT ORDERING IN A VIDEO BITSTREAM
2325	pending	EP	21753416.3	REFERENCE PICTURE RESAMPLING ACTIVATION IN VIDEO CODING
2326	granted	CN	201911067666.8	THE USE OF HISTORY-BASED MOTION VECTOR PREDICTION CANDIDATES IN GEOMETRIC SEGMENTATION PATTERNS
2327	pending	IN	202247056263	CONFORMANCE WINDOW PARAMETERS IN VIDEO CODING
2328	pending	CN	201910867329.0	SIZE-DEPENDENT DOWNSAMPLING IN CROSS-COMPONENT LINEAR MODELS
2329	granted	CN	201910586813.6	SELECTION OF MOTION INFORMATION FOR CODES USED FOR LOOKUP TABLE UPDATES
2330	pending	US	18/513,114	SIGNALING OF DECODED PICTURE BUFFER PARAMETERS IN LAYERED VIDEO
2331	granted	JP	2023-031928	BIDIRECTIONAL OPTICAL FLOW BASED VIDEO CODING AND DECODING

2332	granted	US	17/401,479	TRANSFORM PARAMETER DERIVATION BASED ON BLOCK PARTITION
2333	granted	US	18/165,017	ALTERNATIVE INTERPOLATION FILTERS IN VIDEO CODING
2334	pending	CN	202080090763.3	SET OF GEAR-LAYER-LEVEL PARAMETERS IN VIDEO CODECS
2335	pending	CN	201910487908.2	LIMITATIONS OF EXTENDED QUADTREES
2336	pending	EP	19773565.7	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
2337	pending	VN	1-2022-06069	USE OF SUBPICTURE INFORMATION IN VIDEO CODING
2338	pending	KR	10-2022-7034596	CODING OF INSTANTANEOUS DECODING REFRESH SUBPICTURES
2339	granted	US	17/330,665	PRUNING METHOD IN DIFFERENT PREDICTION MODE
2340	granted	US	17/651,964	INITIALIZATION FOR COUNTER-BASED INTRA PREDICTION MODE
2341	pending	KR	10-2022-7043730	SIGNALING OF GRADUAL DECODING REFRESH AND REFERENCE PICTURE LISTS
2342	pending	US	18/527,594	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
2343	granted	TW	108129914	MAPPING IMPROVEMENT FOR BILATERAL FILTER
2344	pending	TH	2101005624	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2345	granted	US	17/705,509	GEOMETRIC PARTITIONING MODE IN VIDEO CODING
2346	granted	TW	108125902	MOTION PREDICTION BASED ON UPDATEDMOTION VECTORS
2347	granted	CN	201980072623.0	COMPONENT-BASED LOOP FILTERS
2348	granted	US	17/867,284	ADAPTIVE COLOUR TRANSFORM IN IMAGE/VIDEO CODING
2349	pending	US	18/449,134	TEMPORAL PREDICTION OF PARAMETERS IN NON-LINEAR ADAPTIVE LOOP FILTER
2350	granted	TW	108123184	INTERACTION BETWEEN LUT AND MERGE: INSERT HMVP AS A MERGE CANDIDATE, POSITION OF HMVP
2351	granted	US	17/572,833	TRANSFORM BLOCK SIZE RESTRICTION IN VIDEO CODING
2352	granted	CN	201910498697.2	MOTION VECTOR ACCURACY REFINEMENT
2353	granted	CN	201910544662.8	FOR AUTOMATIC SEGMENTATION OF INTERSECTING BLOCKS
2354	granted	TW	108119998	IMPROVED PMMVD
2355	pending	CN	202080016852.3	MOTION VECTOR CODING FOR ON-SCREEN CONTENT ENCODING

2356	pending	CN	202180044801.6	ACCESS TO UNIT SEPARATORS, AND GENERALIZED CONSTRAINT INFORMATION IN VIDEO CODECS
2357	pending	IN	202147020339	POSITION DEPENDENT INTRA PREDICTION
2358	granted	US	17/320,950	MERGE WITH MVD FOR AFFINE
2359	pending	CN	202080012242.6	INTERACTION BETWEEN LOOP SHAPING AND BLOCK DIFFERENTIAL PULSE CODEC MODULATION
2360	pending	KR	10-2022-7031033	CONSTRAINTS ON REFERENCE PICTURE LISTS ENTRIES
2361	granted	US	17/319,994	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
2362	granted	US	17/885,295	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
2363	pending	KR	10-2022-7042894	SUBLAYER SIGNALING IN A VIDEO BITSTREAM
2364	pending	EP	21795484.1	ENTROPY CODING FOR MOTION PRECISION SYNTAX
2365	pending	CN	202180042695.8	CONSTRAINTS ON THE ORDER OF PICTURE OUTPUT IN A VIDEO BITSTREAM
2366	pending	TH	2201008058	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
2367	pending	KR	10-2023-7041404	BIDIRECTIONAL OPTICAL FLOW BASED VIDEO CODING AND DECODING
2368	pending	CN	202080059204.6	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
2369	pending	CN	202080071439.7	MOTION VECTOR PROCESSING IN GEOMETRIC SEGMENTATION PATTERNS
2370	pending	CN	202080014624.2	LIMITATIONS ON THE USE OF NON-QUADRATIC POWER SPLIT TREES IN VIDEO COMPRESSION
2371	granted	CN	202080028533.4	ADAPTIVE LOOP FILTERING FOR VIDEO CODECS
2372	pending	TW	108132320	TWO-STEP INTER PREDICTION
2373	pending	US	18/319,658	TRANSFORM CODING BASED ON MATRIX-BASED INTRA PREDICTION
2374	pending	BR	BR112021022174-3	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
2375	pending	IN	202147041936	RESTRICTIONS ON ADAPTIVE-LOOP FILTERING PARAMETER SETS
2376	granted	GB	2104139.7	BI-PREDICTION WITH WEIGHTS IN VIDEO CODING AND DECODING
2377	pending	CN	202311555642.3	SAMPLE POINT IDENTIFIER FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
2378	pending	EP	21825656.8	INTER LAYER PREDICTION WITH DIFFERENT CODING BLOCK SIZE

2379	granted	CN	201980004128.6	POSITION-DEPENDENT STORAGE OF MOTION INFORMATION
2380	pending	US	18/488,692	TECHNIQUES FOR GENERATION OF A CONFORMANT OUTPUT SUB-BITSTREAM
2381	pending	AU	2021276676	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
2382	granted	TW	108133894	INTRA MODE CODING BASED ON HISTORY INFORMATION
2383	pending	JP	2023-190717	GENERAL CONSTRAINT INFORMATION IN VIDEO CODING
2384	pending	US	18/323,149	ADAPTIVE COLOUR TRANSFORM IN IMAGE/VIDEO CODING
2385	pending	CN	202211142583.2	ADAPTIVE LOOP FILTERING OF CHROMATICITY COMPONENTS
2386	pending	IN	202127049277	SUB-REGION BASED DETERMINATION OF MOTION INFORMATION REFINEMENT
2387	pending	US	17/748,687	RESTRICTIONS ON ADAPTIVE-LOOP FILTERING PARAMETER SETS
2388	granted	JP	2021-547084	SIZE SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
2389	pending	US	17/694,305	CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
2390	pending	CN	202210869850.X	INTERACTION OF INTRAFRAME BLOCK REPLICATION WITH OPTIONAL TIME-DOMAIN MOTION VECTOR PREDICTION
2391	granted	US	17/316,390	MULTIPLE HYPOTHESIS FOR SUB-BLOCK PREDICTION BLOCKS
2392	pending	EP	21780523.3	CONFORMANCE WINDOW PARAMETERS IN VIDEO CODING
2393	pending	IN	202228045435	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
2394	pending	US	18/472,093	SELECTIVE USE OF ADAPTIVE IN-LOOP COLOR-SPACE TRANSFORM AND OTHER VIDEO CODING TOOLS
2395	pending	SG	11202254703S	ENTROPY CODING FOR MOTION PRECISION SYNTAX
2396	pending	CN	202311686113.7	SUB-DIVISION IN INTRA-FRAME CODING AND DECODING
2397	pending	CN	202311322870.6	SELECTIVE USE OF CODEC TOOLS IN VIDEO PROCESSING
2398	granted	TW	108123343	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS
2399	pending	SG	11202253186Q	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
2400	pending	EP	20865514.2	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE

2401	granted	TW	108122737	BLOCK SIZE RESTRICTIONS FOR DMVR
2402	pending	US	18/190,477	SIMPLIFIED HISTORY BASED MOTION VECTOR PREDICTION
2403	pending	CN	202080058247.2	INITIALIZATION OF COUNTER-BASED INTRA-FRAME PREDICTION PATTERNS
2404	pending	CN	202080045375.3	CODEC TOOLS FOR CHROMA COMPONENTS
2405	pending	IN	202127038836	IMPLEMENTATION ASPECTS IN INTRA BLOCK COPY IN VIDEO CODING
2406	pending	CN	202180014513.6	SUB-PICTURE SIGNALING IN VIDEO BITSTREAMS
2407	pending	US	17/412,771	INTERACTION BETWEEN IBC AND AFFINE
2408	granted	CN	201910586571.0	METHODS, APPARATUS AND NON-TRANSITORY COMPUTER-READABLE MEDIA FOR VIDEO PROCESSING
2409	pending	CA	3101730	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
2410	pending	EP	20855686.0	POSITION-BASED COEFFICIENTS SCALING
2411	granted	US	17/478,511	MATRIX-BASED INTRA PREDICTION USING FILTERING
2412	granted	US	17/220,301	GENERATION AND USAGE OF COMBINED AFFINE MERGE CANDIDATE
2413	pending	CN	202080061697.7	MERGE CANDIDATE IMPROVEMENTS
2414	pending	EP	20805536.8	DEBLOCKING FILTER FOR VIDEO CODING
2415	pending	CN	201980076060.2	SUBBLOCK-BASED SELECTION AND SIGNALING OF MOTION CANDIDATES
2416	pending	SG	11202109150Q	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
2417	pending	JP	2023-203628	JOINT CODING OF CHROMA RESIDUAL AND FILTERING IN VIDEO PROCESSING
2418	pending	EP	20874792.3	PREDICTION TYPE SIGNALING IN VIDEO CODING
2419	granted	US	17/671,486	PALETTE MODE WITH DIFFERENT PARTITION STRUCTURES
2420	granted	CN	202080050186.5	SAMPLE POINT DETERMINATION FOR ADAPTIVE LOOP FILTERING
2421	pending	BR	BR112021014202-9	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
2422	pending	TH	2101008263	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
2423	granted	JP	2022-539151	SUBPICTURE SIGNALING IN PARAMETER SETS
2424	pending	MY	PI2020006725	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
2425	granted	US	17/646,196	SIMPLIFIED CROSS COMPONENT PREDICTION

2426	granted	KR	10-2021-7039824	QUANTIZATION PROCESS FOR PALETTE MODE
2427	granted	US	17/183,855	BINARIZATION OF PARTITIONING RELATED TO EXTENDED QUADTREE
2428	pending	EP	20755475.9	SIZE SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
2429	pending	CN	202180041870.1	VIDEO PARAMETER SET CONSTRAINTS FOR SUB-PICTURE SUB-BITSTREAM EXTRACTION
2430	pending	MX	MX/A/2022/003836	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
2431	pending	BR	BR112022023354-0	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
2432	granted	US	17/228,935	WEIGHTED PREDICTION IN VIDEO CODING
2433	pending	TW	108134305	MOTION VECTOR DERIVATION FOR SUB-BLOCK IN AFFINE MODE
2434	pending	JP	2023-214836	MOTION PRECISION IN SUB-BLOCK BASED INTER PREDICTION
2435	pending	MY	PI2021004750	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
2436	pending	VN	1-2022-01792	METHOD AND APPARATUS FOR PROCESSING VIDEO DATA, AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
2437	granted	US	17/356,220	WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
2438	granted	JP	2022-502403	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
2439	pending	CN	202080006853.X	SIMPLIFICATION OF HASH-BASED MOTION SEARCH
2440	pending	CN	202080066209.1	LUMINANCE MAPPING WITH CHROMA SCALING
2441	pending	JP	2021-571979	MOTION CANDIDATE LIST WITH GEOMETRIC PARTITION MODE CODING
2442	granted	JP	2022-517816	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING
2443	pending	CN	202180037281.6	TECHNIQUES FOR GENERATING COHERENT OUTPUT SUBBIT STREAMS
2444	pending	CN	202311452162.4	CONDITIONAL SIGNALING FOR SIMPLIFIED QUADRATIC TRANSFORMS IN VIDEO BITSTREAMS
2445	pending	JP	2022-531615	SIMPLIFIED INTER PREDICTION WITH GEOMETRIC PARTITIONING
2446	pending	CN	202180014142.1	INDICATION OF JUXTAPOSED IMAGES IN A VIDEO BITSTREAM

2447	granted	US	17/403,750	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
2448	pending	US	18/193,131	USE OF SECONDARY TRANSFORM IN CODED VIDEO
2449	pending	US	17/374,311	INSERTING ORDER OF MOTION CANDIDATES IN LUT
2450	pending	CN	201980076375.7	USE REFERENCE LINES FOR INTRA-FRAME MODE VIDEO PROCESSING
2451	granted	CN	201911019486.2	MULTIPLE INFORMATION-BASED MOTION CANDIDATE DERIVATION IN SUB-BLOCK MOTION VECTOR PREDICTION
2452	granted	US	16/987,711	INTERACTION BETWEEN LUT AND AMVP
2453	pending	CN	202080090757.8	CONTROL OF CROSS-BOUNDARY FILTERING IN VIDEO CODECS
2454	pending	CN	202080041981.8	CONDITIONAL SIGNALING FOR SIMPLIFIED QUADRATIC TRANSFORMS IN VIDEO BITSTREAMS
2455	pending	MY	PI2022000397	QUANTIZATION PROCESS FOR PALETTE MODE
2456	pending	US	18/295,580	SIMPLIFIED INTER PREDICTION WITH GEOMETRIC PARTITIONING
2457	pending	CN	202180037274.6	PROCESSING OF ACCESS UNITS DURING VIDEO SUB-BITSTREAM EXTRACTION
2458	pending	CN	202180014201.5	SUB-PICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
2459	pending	CN	201980068723.6	LIMITATIONS ON THE DERIVATION OF DECODER-SIDE MOTION VECTORS BASED ON CODED INFORMATION
2460	pending	TW	108129518	BORDER HANDLING FOR EXTENDED QUADTREE PARTITIONS
2461	pending	KR	10-2023-7038174	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
2462	pending	EP	21757952.3	SIGNALING OF SLICE AND TILE PICTURE PARTITIONS
2463	pending	US	18/085,979	DELTA MOTION VECTOR IN PREDICTION REFINEMENT WITH OPTICAL FLOW PROCESS
2464	granted	CN	201910888243.6	MODE-DEPENDENT ADAPTIVE MOTION VECTOR RESOLUTION FOR AFFINE MODE CODING
2465	granted	MX	MX/A/2022/000110	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
2466	pending	EP	23218604.9	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
2467	granted	CN	202080049914.0	SIGNALING NOTIFICATION FOR CHROMATICITY RESIDUAL SCALING

2468	pending	US	17/856,631	CROSS COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODING
2469	pending	US	17/720,582	JOINT CODING OF CHROMA RESIDUAL AND FILTERING IN VIDEO PROCESSING
2470	granted	AU	2020262284	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
2471	granted	CN	202080011479.2	BUFFER MANAGEMENT FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
2472	granted	TW	108119583	INTERACTION BETWEEN IBC AND INTER-CODE TOOLS
2473	pending	TW	108131758	PARTIAL INTERWEAVED PREDICTION
2474	pending	CN	202080076251.1	COLOR COMPONENT-BASED SYNTACTIC SIGNALING NOTIFICATION AND PARSING
2475	pending	US	18/523,414	REFERENCE PICTURE LIST SIGNALING IN VIDEO CODING
2476	pending	IN	202247044945	DEBLOCKING PARAMETERS FOR CHROMA COMPONENT
2477	granted	RU	2021127239	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2478	granted	TW	108122735	PARTITIONING OF ZERO UNIT
2479	pending	CN	202311623364.0	METHOD, APPARATUS, AND COMPUTER-READABLE RECORDING MEDIUM FOR PROCESSING VIDEO DATA
2480	pending	EP	23220523.7	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
2481	granted	JP	2022-525485	CROSS-COMPONENT ADAPTIVE LOOP FILTER
2482	pending	CN	202080018315.2	RESTRICTIONS ON SEGMENTED STRUCTURES
2483	pending	IN	202247021925	HIGH LEVEL SYNTAX FOR VIDEO CODING TOOLS
2484	granted	RU	2021139676	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
2485	granted	CN	202080009204.5	IMPROVED METHODS FOR LOCALIZED LIGHTING COMPENSATION
2486	pending	CN	202080043857.5	HANDLING VIDEO CELL BOUNDARIES AND VIRTUAL BOUNDARIES
2487	pending	SG	11202203986S	4SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
2488	pending	CA	3179644	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
2489	granted	CN	202080028620.X	ADAPTIVE LOOP FILTERING FOR VIDEO CODECS

2490	pending	CN	202311532764.0	SETTING UP AN IN-FRAME BLOCK REPLICATION VIRTUAL BUFFER BASED ON A VIRTUAL PIPELINE DATA UNIT
2491	pending	BR	BR112022020366-7	SIGNALING FOR INTER PREDICTION IN HIGH LEVEL SYNTAX
2492	granted	US	17/585,704	PALETTE MODE CODING IN PREDICTION PROCESS
2493	granted	US	16/796,708	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS
2494	pending	JP	2023-015468	JOINT CODING OF PALETTE MODE USAGE INDICATION
2495	granted	CN	201910718739.9	MOTION VECTOR DIFFERENTIAL ACCURACY OF AFFINE
2496	pending	CN	202080061698.1	CHROMA DE-SQUARE TUNING FOR VIDEO CODECS
2497	pending	EP	20859902.7	VIDEO REGION PARTITION BASED ON COLOR FORMAT
2498	granted	US	17/018,214	INTERACTION BETWEEN LUT AND SHARED MERGE LIST
2499	granted	CN	202080035419.4	BOUNDARY STRENGTH DETERMINATION FOR DE-SQUARING FILTERS IN VIDEO PROCESSING
2500	pending	SG	11202012293R	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
2501	granted	CN	202080029816.0	INCREMENTAL MOTION VECTORS IN THE PREDICTIVE REFINEMENT PROCESS USING OPTICAL FLOW
2502	granted	US	17/696,583	SIGNALING USAGE OF ADAPTIVE LOOP FILTER IN VIDEO CODING
2503	granted	TW	108123167	WHICH LUT TO BE UPDATED OR NO UPDATING
2504	pending	JP	2023-206688	ENTROPY CODING FOR PALETTE ESCAPE SYMBOL
2505	granted	TW	108125900	MOTION PREDICTION BASED ON UPDATED MOTION VECTORS
2506	granted	GB	2018865.2	SUB-BLOCK DMVR
2507	pending	US	18/526,488	PROCESSING OF FILLER DATA UNITS IN VIDEO STREAMS
2508	pending	KR	10-2022-7043180	VIDEO PARAMETER SET CONSTRAINTS FOR SUBPICTURE SUB-BITSTREAM EXTRACTION
2509	granted	US	17/480,184	INTERACTION BETWEEN MERGE LIST CONSTRUCTION AND OTHER TOOLS
2510	granted	US	17/975,023	SUBLAYERS INFORMATION IN VIDEO CODING

2511	pending	CN	202080051539.3	SAMPLE POINT ACCESS ACROSS VIDEO UNIT BOUNDARIES IN ADAPTIVE LOOP FILTERING
2512	pending	US	18/526,632	ADAPTIVE LOOP FILTERING
2513	pending	CN	202180041271.X	CONSTRAINTS ON THE NUMBER OF SUB-PICTURES IN A VIDEO PICTURE
2514	pending	CN	202080013609.6	SELECTIVE APPLICATION OF DECODER-SIDE REFINEMENT TOOLS
2515	granted	TW	108130933	BINARIZATION OF PARTITIONING RELATED TO EXTENDED QUADTREE
2516	pending	IN	202227054272	REFERENCE PICTURE RESAMPLING
2517	pending	EP	20795211.0	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
2518	pending	KR	10-2022-7010299	USING CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
2519	pending	JP	2022-500709	SIGNALING OF CHROMA RESIDUAL SCALING
2520	granted	CN	202080028105.1	TIME-DOMAIN PREDICTION OF PARAMETERS IN NONLINEAR ADAPTIVE LOOP FILTERS
2521	pending	TW	108133897	SELECTION OF ADJACENT NEIGHBORING BLOCK FOR INTRA CODING
2522	pending	SG	11202202855Y	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
2523	pending	EP	20818357.4	MOTION CANDIDATE LIST WITH GEOMETRIC PARTITION MODE CODING
2524	pending	KR	10-2022-7007400	USING PALETTE PREDICTOR IN VIDEO CODING
2525	granted	TW	108134306	MODIFICATION OF MOTION VECTOR WITH ADAPTIVE MOTION VECTOR RESOLUTION
2526	granted	CN	202080037001.7	TRANSFORM BYPASS CODEC RESIDUAL BLOCKS IN DIGITAL VIDEO
2527	pending	EP	19780352.1	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
2528	pending	IN	202227011819	RANGE CONSTRAINS FOR BLOCK VECTOR IN INTRA-BLOCK COPY MODE
2529	pending	EP	20810559.3	ADAPTIVE MOTION VECTOR DIFFERENCE RESOLUTION FOR AFFINE MODE
2530	pending	CN	202180008254.6	USE OF OFFSETS FOR THE ADAPTIVE COLOR TRANSFORM CODEC TOOL
2531	pending	CN	202180017443.X	SIGNALING USED TO REFERENCE SYNTACTIC ELEMENTS INDICATED BY PICTURES
2532	pending	EP	21768196.4	HIGH LEVEL BITSTREAM SYNTAX FOR QUANTIZATION PARAMETERS

2533	pending	CN	202311776732.5	NOTIFICATION OF LOOP SHAPING INFORMATION USING PARAMETER SET SIGNALING
2534	granted	CN	202080014881.6	NEIGHBORHOOD SAMPLE POINT SELECTION FOR IN-FRAME PREDICTION
2535	pending	RU	2021128856	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
2536	pending	US	18/077,823	VIDEO PARAMETER SET CONSTRAINTS FOR SUBPICTURE SUB-BITSTREAM EXTRACTION
2537	pending	CN	201980004147.9	ORDERED CAMPAIGN CANDIDATE LIST GENERATION USING GEOMETRIC SEGMENTATION PATTERNS
2538	pending	US	17/897,998	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
2539	pending	CN	202080071644.3	PREDICTIVE TYPE SIGNALING IN VIDEO CODECS
2540	pending	PH	1-2022-550201	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
2541	granted	TW	108121836	UNIFIED CONSTRAINS FOR THE MERGE AFFINE MODE AND THE NON-MERGE AFFINE MODE
2542	granted	CN	201910487921.8	INTERACTION BETWEEN IN-FRAME BLOCK COPYING AND AFFINE
2543	pending	SG	11202254598R	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
2544	pending	JP	2023-132610	SIMPLIFICATION OF COMBINED INTER-INTRA PREDICTION
2545	granted	US	17/701,303	SELECTIVE APPLICATION OF SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
2546	granted	CN	201910941833.0	IMPROVEMENT OF TIME GRADIENT CALCULATION IN BIO
2547	granted	CN	201980075985.5	DIFFERENCE CALCULATION BASED ON PARTIAL POSITION
2548	pending	EP	20876422.5	JOINT CODING OF CHROMA RESIDUAL AND FILTERING IN VIDEO PROCESSING
2549	granted	TW	108134303	COMPLEXITY REDUCTION FOR AFFINE MODE
2550	granted	CN	201980075561.9	CONTROLLING MERGE IN MOTION VECTOR DIFFERENTIAL MODE
2551	granted	TW	108123187	EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
2552	pending	KR	10-2021-7028980	CALCULATION OF PREDICATION REFINEMENT BASED ON OPTICAL FLOW
2553	pending	CN	201980075765.2	HISTORY-BASED AFFINE PARAMETER INHERITANCE

2554	pending	KR	10-2022-7032739	CONSTRAINTS ON COLLOCATED PICTURES IN VIDEO CODING
2555	pending	ZA	2022/12704	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
2556	granted	ZA	2021/06908	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2557	pending	CN	201910637918.X	CROSS-COMPONENT CODING ORDER EXPORT
2558	pending	CN	202080041723.X	IN-FRAME BLOCK REPLICATION WITH TRIANGULAR SEGMENTATION
2559	pending	US	17/994,085	SLICE LEVEL SIGNALING IN VIDEO BITSTREAMS THAT INCLUDE SUBPICTURES
2560	granted	KR	10-2022-7009747	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM
2561	pending	CN	202080019365.2	PALETTE MODE USES THE INDICATED CO-CODECS
2562	granted	US	17/698,141	REFERENCE PICTURE RESAMPLING IN VIDEO PROCESSING
2563	pending	MY	PI2022001385	USING PALETTE PREDICTOR IN VIDEO CODING
2564	pending	KR	10-2022-7030333	HIGH LEVEL BITSTREAM SYNTAX FOR QUANTIZATION PARAMETERS
2565	granted	CN	201980076058.5	SUBBLOCK TIME-DOMAIN MOTION VECTOR PREDICTION
2566	pending	JP	2022-517815	QUANTIZATION PARAMETER DERIVATION FOR PALETTE MODE
2567	granted	CN	202080032953.X	SIGNALING NOTIFICATION IN TRANSFORM SKIP MODE
2568	pending	BR	BR112021018509-7	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2569	granted	US	17/031,404	UPDATE OF LOOK-UP TABLES
2570	pending	JP	2022-504642	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
2571	granted	US	17/742,014	MOTION CANDIDATE DERIVATION BASED ON SPATIAL NEIGHBORING BLOCK IN SUB-BLOCK MOTION VECTOR PREDICTION
2572	pending	IN	202247054151	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
2573	granted	JP	2021-567036	SIGNALING FOR REFERENCE PICTURE RESAMPLING
2574	pending	SG	11202252080F	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
2575	granted	CN	202080025886.9	DECODER-SIDE MOTION VECTOR DERIVATION
2576	pending	CN	202080066256.6	SCALING PROCESS FOR CODEC BLOCKS

2577	pending	EP	19887639.3	DIFFERENCE CALCULATION BASED ON PARTIAL POSITION
2578	granted	CN	202080046420.7	CONSTRAINTS ON THE DIFFERENCE OF MOTION VECTORS
2579	granted	TW	108133112	CONDITIONS FOR STARTING CHECKING HMVP CANDIDATES DEPEND ON TOTAL NUMBER MINUS K
2580	granted	TW	108124967	CROSS-COMPONENT CODING ORDER DERIVATION
2581	pending	US	17/209,382	MOTION VECTOR DERIVATION FOR SUB-BLOCK IN AFFINE MODE
2582	pending	JP	2022-506299	PALETTE MODE CODING IN PREDICTION PROCESS
2583	pending	JP	2024-039982	USAGE OF CONVERTED UNI-PREDICTION CANDIDATE
2584	granted	KR	10-2021-7028519	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2585	pending	KR	10-2021-7023118	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
2586	granted	US	17/523,286	MOTION VECTOR RANGE BASED ON MOTION VECTOR PRECISION
2587	pending	CN	202180036743.2	STEP-BY-STEP DECODING OF SIGNALING NOTIFICATIONS FOR REFRESH AND REFERENCE PICTURE LISTS
2588	pending	VN	1-2020-07491	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
2589	pending	VN	1-2022-01470	CODING MODE DETERMINATION BASED ON COLOR FORMAT
2590	pending	KR	10-2022-7031063	USE OF SUBPICTURE INFORMATION IN VIDEO CODING
2591	granted	US	17/201,711	SIMPLIFIED PARAMETER DERIVATION FOR INTRA PREDICTION
2592	pending	IN	202247047761	SIGNALING OF SLICE AND TILE PICTURE PARTITIONS
2593	pending	US	18/329,415	PADDING PROCESS AT UNAVAILABLE SAMPLE LOCATIONS IN ADAPTIVE LOOP FILTERING
2594	pending	CN	202080047582.2	VALIDITY CHECKING OF BLOCK VECTORS FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
2595	granted	US	17/494,974	CONDITIONS FOR APPLICABILITY OF CROSS-COMPONENT CODING
2596	pending	CN	202180022553.5	IN-FRAME BLOCK COPY BUFFER AND PALETTE PREDICTION UPDATE
2597	granted	TW	108123159	EMM MODE SIGNALING
2598	pending	JP	2022-563488	CONDITIONAL SIGNALING OF VIDEO CODING SYNTAX ELEMENTS

2599	pending	US	17/541,038	SUB-BLOCK BASED INTRA BLOCK COPY
2600	granted	TW	108119603	INTERACTION BETWEEN IBC AND DMVR
2601	pending	CN	202080055680.0	LOCATION-BASED PATTERN EXPORT IN THE REDUCED QUADRATIC TRANSFORM OF VIDEO
2602	granted	US	17/525,745	ROUNDING IN PAIRWISE AVERAGE CANDIDATE CALCULATIONS
2603	pending	CN	202180017712.2	INTERACTION BETWEEN PICTURE HEADERS AND STRIP HEADERS FOR VIDEO BITSTREAMS
2604	pending	EP	20851000.8	SELECTION OF MATRICES FOR REDUCED SECONDARY TRANSFORM IN VIDEO CODING
2605	granted	US	17/740,753	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
2606	pending	US	17/698,114	ADAPTIVE RESOLUTION CHANGE AND SCALABLE CODING FOR SCREEN CONTENTS
2607	pending	EP	21774361.6	PREDICTION REFINEMENT FOR AFFINE MERGE AND AFFINE MOTION VECTOR PREDICTION MODE
2608	pending	CN	202180008798.2	SIGNALING NOTIFICATION OF THE PRESENCE OF INTERLAYER REFERENCE PICTURES
2609	granted	TW	108124952	SHAPE DEPENDENT INTERPOLATION ORDER
2610	granted	CN	201910583427.1	IMPROVED DERIVATION OF TIME-DOMAIN MOTION VECTOR PREDICTION
2611	pending	IN	202227007702	MOTION PRECISION IN SUB-BLOCK BASED INTER PREDICTION
2612	pending	EP	20906536.6	PROFILE TIER LEVEL PARAMETER SET IN VIDEO CODING
2613	granted	CN	201910792030.3	VIDEO CODING AND DECODING BASED ON MULTI-MOTION MODELING
2614	pending	CN	202311178162.X	SYMMETRIC MOTION VECTOR DIFFERENCE CODING AND DECODING
2615	pending	EP	20809576.0	SYNTAX SIGNALING IN SUB-BLOCK MERGE MODE
2616	pending	IN	202127034131	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
2617	pending	CN	202080057737.0	COUNTER-BASED INTRA-FRAME PREDICTION MODEL
2618	granted	CN	202080071639.2	ADVANCED SYNTAX FOR VIDEO CODEC TOOLS
2619	pending	JP	2022-559409	CONSTRAINTS ON COLLOCATED PICTURES IN VIDEO CODING
2620	granted	ZA	2022/01250	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE

2621	granted	US	17/230,004	SUB-BLOCK BASED PREDICTION
2622	pending	US	18/164,977	SIGNALING OF SYNTAX ELEMENTS FOR JOINT CODING OF CHROMINANCE RESIDUALS
2623	pending	CN	202080029880.9	CONTEXTUAL CODECS FOR TRANSFORM SKIP MODE
2624	granted	US	17/506,539	CODING OF BLOCK VECTORS FOR INTRA BLOCK COPY-CODED BLOCKS
2625	granted	ZA	2021/07295	PARAMETER DERIVATION IN CROSS COMPONENT MODE
2626	granted	KR	10-2020-7037995	CHECKING ORDER OF MOTION CANDIDATES IN LUT
2627	pending	IN	202147036782	SIZE SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
2628	granted	US	17/244,633	PREDICTION REFINEMENT FOR COMBINED INTER INTRA PREDICTION MODE
2629	pending	EP	21764233.9	LOW FREQUENCY NON-SEPARABLE TRANSFORM SIGNALING IN VIDEO CODING
2630	granted	US	17/674,488	BLOCK SIZE RESTRICTIONS FOR DMVR
2631	granted	US	16/993,561	WHICH LUT TO BE UPDATED OR NO UPDATING
2632	pending	US	17/992,192	SCALING WINDOW IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
2633	pending	KR	10-2021-7038237	RESTRICTED UPSAMPLING PROCESS IN MATRIX-BASED INTRA PREDICTION
2634	granted	JP	2022-525484	CROSS-COMPONENT ADAPTIVE LOOP FILTER USING LUMA DIFFERENCES
2635	pending	VN	1-2022-02495	Method and apparatus for processing video data and computer-readable recording medium
2636	granted	JP	2022-559410	SIGNALING FOR INTER PREDICTION IN HIGH LEVEL SYNTAX
2637	pending	IN	202227067000	SCALING WINDOW IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
2638	pending	CN	202180016671.5	DERIVATION OF THE HEIGHT OF A SUBIMAGE
2639	pending	KR	10-2022-7007410	PALETTE PREDICTOR SIZE ADAPTATION IN VIDEO CODING
2640	pending	EP	21771100.1	CONSTRAINTS ON REFERENCE PICTURE ORDER
2641	pending	CN	202080091643.5	PALETTE SIZE SIGNALING IN VIDEO CODING
2642	pending	US	18/511,565	SIGNALING OF GENERAL CONSTRAIN INFORMATION
2643	granted	JP	2021-556952	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2644	pending	BR	BR112022021594-0	CONDITIONAL SIGNALING OF VIDEO CODING SYNTAX ELEMENTS

2645	pending	CN	202080090395.2	SIGNALING NOTIFICATION DECODING PICTURE BUFFER LEVELS IN VIDEO CODECS
2646	granted	CN	201910585161.4	SHAPE-DEPENDENT INTERFRAME CODING
2647	granted	JP	2022-550700	PARTITION CALCULATION BASED ON SUBPICTURE LEVEL
2648	pending	CN	202311785583.9	CONSTRUCTION METHOD FOR INTER-FRAME PREDICTION WITH GEOMETRIC SEGMENTATION
2649	granted	CN	202080064523.6	METHOD AND APPARATUS FOR QUANTIZING PARAMETER OFFSETS FOR CHROMATICITY DEBLOCKING FILTERING
2650	granted	KR	10-2020-7038026	INTERACTION BETWEEN LUT AND AMVP
2651	pending	EP	23212144.2	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
2652	granted	US	17/835,647	USING QUANTIZATION GROUPS IN VIDEO CODING
2653	granted	US	17/392,778	APPLICABILITY OF PREDICTION REFINEMENT WITH OPTICAL FLOW PROCESS
2654	pending	JP	2023-198249	SIGNALING OF DECODED PICTURE BUFFER PARAMETERS IN LAYERED VIDEO
2655	granted	US	18/076,085	CONSTRAINTS ON NUMBER OF SUBPICTURE IN A VIDEO PICTURE
2656	granted	CN	202080013647.1	MOTION PREDICTION BASED ON SHARED MERGE LISTS
2657	granted	US	17/992,176	TECHNIQUES FOR GENERATION OF A CONFORMANT OUTPUT SUB-BITSTREAM
2658	pending	US	18/161,511	RANGE CONSTRAINS FOR BLOCK VECTOR IN INTRA-BLOCK COPY MODE
2659	pending	US	17/343,086	TRANSFORM CODING BASED ON MATRIX-BASED INTRA PREDICTION
2660	granted	TW	108118903	WEIGHTED INTERWEAVED PREDICTION
2661	pending	TH	2101006487	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
2662	granted	CN	201980004146.4	WEIGHT DERIVATION FOR GEOMETRIC SEGMENTATION
2663	pending	US	17/380,354	METHOD FOR LOCAL ILLUMINATION COMPENSATION
2664	pending	US	18/471,485	USE OF OFFSETS WITH ADAPTIVE COLOUR TRANSFORM CODING TOOL
2665	granted	US	17/505,227	PREDICTION PRECISION IMPROVEMENTS IN VIDEO CODING
2666	granted	TW	108133132	DOWNSAMPLING IN CROSS-COMPONENT LINEAR MODELING

2667	pending	CN	202080041875.X	APPLYING AN IMPLICIT TRANSFORMATION SELECTION
2668	granted	US	17/357,311	SIGNALING OF FILTERING INFORMATION IN VIDEO PROCESSING
2669	granted	TW	108119610	FLEXIBLE TREE
2670	pending	EP	20791044.9	TEMPORAL PREDICTION OF PARAMETERS IN NON-LINEAR ADAPTIVE LOOP FILTER
2671	pending	KR	10-2021-7030931	TEMPORAL PREDICTION OF PARAMETERS IN NON-LINEAR ADAPTIVE LOOP FILTER
2672	pending	CN	202180037058.1	FILLER PAYLOAD IN SUB-BITSTREAM EXTRACTION PROCESSING
2673	pending	US	18/519,725	CONSTRAINS FOR DIFFERENT CODING TOOLS
2674	granted	CN	202080054122.2	DETERMINATION OF IMAGE SEGMENTATION PATTERNS BASED ON BLOCK SIZE
2675	granted	TW	108123178	NUMBER OF MOTION CANDIDATES IN A LOOK UP TABLE TO BE CHECKED ACCORDING TO MODE
2676	pending	US	18/527,988	INITIALIZATION OF PALETTE FOR WAVEFRONT PARALLEL PROCESSING
2677	pending	EP	21821188.6	SUBLAYER SIGNALING IN A VIDEO BITSTREAM
2678	pending	CN	202311435405.3	CONSTRAINTS ON THE DIFFERENCE OF MOTION VECTORS
2679	pending	CN	202311452261.2	SELECTION OF MATRIX FOR REDUCED QUADRATIC TRANSFORM IN VIDEO CODECS
2680	granted	US	17/949,058	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
2681	pending	CN	202080027499.9	ONE-HALF PIXEL INTERPOLATION FILTERS IN THE INTRAFRAME BLOCK COPY CODING MODE
2682	pending	EP	20866741.0	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
2683	pending	EP	20851940.5	PALETTE MODE WITH DIFFERENT PARTITION STRUCTURES
2684	pending	EP	20815297.5	CODING OF BLOCK VECTORS FOR INTRA BLOCK COPY-CODED BLOCKS
2685	granted	US	17/541,092	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODING
2686	granted	JP	2021-572457	CONDITIONAL SIGNALING OF REDUCED SECONDARY TRANSFORM IN VIDEO BITSTREAMS
2687	pending	MX	MX/A/2022/011207	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
2688	pending	PH	1-2021-552429	PARAMETER DERIVATION IN CROSS COMPONENT MODE

2689	pending	IN	202247071881	CONSTRAINTS ON PICTURE OUTPUT ORDERING IN A VIDEO BITSTREAM
2690	granted	US	17/090,364	EQT DEPTH CALCULATION
2691	pending	US	18/352,628	INTERACTION OF ASYMMETRIC WEIGHTED MERGES AND OTHER CODING TOOLS
2692	pending	EP	23213812.3	SELECTION OF SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
2693	pending	SG	11202200703U	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
2694	granted	JP	2021-543342	DATA STORAGE IN BUFFERS FOR INTRA BLOCK COPY IN VIDEO CODING
2695	granted	JP	2021-562776	SYMMERTRIC MOTION VECTOR DIFFERENCE CODING
2696	pending	BR	BR 112022003641-8	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODING
2697	pending	EP	23211999.0	GRADIENT CALCULATION IN DIFFERENT MOTION VECTOR REFINEMENTS
2698	pending	CN	202210763999.X	SYMMETRIC BIDIRECTIONAL PREDICTION MODELS FOR VIDEO CODECS
2699	granted	CN	202080051086.4	CONSTRUCTION OF CANDIDATE LISTS FOR GEOMETRIC SEGMENTATION PATTERNS IN VIDEO CODING AND DECODING
2700	granted	US	17/957,139	VIDEO CODING USING PARAMETER SETS
2701	pending	EP	21818831.6	PALETTE MODE WITH LOCAL DUAL TREE MODETYPE DEFINITION
2702	pending	CN	202180037140.4	RESERVED BITS IN THE GENERIC CONSTRAINT INFORMATION FOR VIDEO
2703	pending	US	17/953,045	CODED VIDEO PROCESSING USING ENHANCED SECONDARY TRANSFORM
2704	pending	MY	PI2021004264	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
2705	granted	GB	2019557.4	UPDATE OF LOOK-UP TABLES
2706	granted	JP	2021-568037	SYNTAX SIGNALING IN SUB-BLOCK MERGE MODE
2707	granted	US	17/720,634	USING CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
2708	pending	JP	2022-571341	INDICATION OF END OF SEQUENCE IN CODED VIDEO
2709	granted	CN	202080028113.6	MATRIX-BASED CONSTRUCTION OF THE LIST OF MOST PROBABLE PATTERNS FOR INTRA-FRAME PREDICTION
2710	pending	MX	MX/A/2022/004409	SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
2711	pending	CN	202180027669.8	USE OF HEADER SYNTAX ELEMENTS AND ADAPTIVE PARAMETER SETS
2712	pending	US	17/962,894	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODING

2713	pending	BR	BR 11 2021 019675 7	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
2714	pending	KR	10-2021-7031712	INTERACTION BETWEEN MATRIX-BASED INTRA PREDICTION AND OTHER CODING TOOLS
2715	pending	CN	201910760776.6	IMPLICIT ENCODING FOR TRANSFORMATION MATRIX SELECTION
2716	pending	US	18/503,360	EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
2717	pending	EP	19883887.2	WEIGHTS IN COMBINED INTER INTRA PREDICTION MODE
2718	granted	US	17/494,956	ADAPTIVE LOOP FILTERING FOR CHROMA COMPONENTS
2719	pending	IN	202227069710	SIGNALING OF GENERAL CONSTRAIN INFORMATION
2720	pending	EP	21771764.4	CODING OF NEIGHBORING SUBPICTURES
2721	pending	BR	BR112022015454-2	PALETTE MODE FOR LOCAL DUAL TREE
2722	pending	CN	202180013156.1	BV LIST CONSTRUCTION PROCESS FOR IBC BLOCKS UNDER MERGE ESTIMATION REGION
2723	granted	US	17/947,909	INTRA BLOCK COPY BUFFER AND PALETTE PREDICTOR UPDATE
2724	pending	CN	202311591061.5	CROSS-COMPONENT ADAPTIVE LOOP FILTER
2725	pending	EP	20906637.2	SYNTAX FOR SIGNALING VIDEO SUBPICTURES
2726	granted	IN	202147039294	RESTRICTIONS ON IN-LOOP FILTERING
2727	pending	JP	2023-166006	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
2728	granted	US	17/892,858	SLICE AND TILE PARTITIONING IN VIDEO CODING
2729	granted	US	17/568,471	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
2730	pending	CN	201980075764.8	THE USE OF HISTORY-BASED AFFINE PARAMETERS
2731	pending	JP	2024-000129	RESTRICTIONS ON ADAPTIVE-LOOP FILTERING PARAMETER SETS
2732	granted	TW	108131752	FAST ENCODING METHODS FOR INTERWEAVED PREDICTION
2733	pending	CN	202180022183.5	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODECS
2734	pending	US	18/497,568	REFERENCE PICTURE INFORMATION SIGNALLING IN A VIDEO BITSTREAM

2735	pending	IN	202227058600	GENERAL CONSTRAINT INFORMATION IN VIDEO CODING
2736	pending	KR	10-2022-7008788	SETTING INTRA-BLOCK COPY VIRTUAL BUFFER BASED ON VIRTUAL PIPELINE DATA UNIT
2737	granted	TW	108123121	FILTERING OF ZERO UNIT
2738	pending	CN	201910488489.4	MAIN CONCEPTS OF EXTENDED QUADTREES, FOUR UNEQUAL PARTITIONS, AND SIGNALING
2739	granted	CN	202080028511.8	PARAMETER DERIVATION IN THE CROSS-COMPONENT MODEL
2740	granted	US	17/238,639	IMPROVEMENT ON OVERLAPPED BLOCK MOTION COMPENSATION
2741	pending	CN	202080071449.0	FILLING PROCESS AT UNAVAILABLE SAMPLE POINT LOCATIONS IN ADAPTIVE LOOP FILTERING
2742	pending	JP	2022-556146	REFERENCE PICTURE RESAMPLING
2743	pending	CN	202080059117.0	USE OF DEFAULT SCALING MATRIX AND USER DEFINED SCALING MATRIX
2744	pending	US	18/519,287	BLOCK SIZE DEPENDENT USE OF VIDEO CODING MODE
2745	pending	CN	202311526704.8	STRIP-LEVEL SIGNALING NOTIFICATION IN VIDEO BITSTREAMS THAT INCLUDE SUBPICTURES
2746	pending	CN	202080061699.6	DETERMINATION OF CODEC MODE BASED ON COLOR FORMAT
2747	pending	MY	PI2022000136	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
2748	granted	JP	2021-531144	CONTEXT-BASED INTRA PREDICTION
2749	pending	EP	20747609.4	DATA STORAGE IN BUFFERS FOR INTRA BLOCK COPY IN VIDEO CODING
2750	pending	CN	201980004124.8	ADAPTIVE CONTROL POINT SELECTION FOR AFFINE CODING
2751	granted	CN	202080031969.9	SYMMETRIC MOTION VECTOR DIFFERENCE CODING AND DECODING
2752	granted	TW	108133133	SINGLE-LINE CROSS COMPONENT LINEAR MODEL PREDICTION MODE
2753	granted	CN	202080031962.7	INTRA-FRAME VIDEO CODING AND DECODING USING MULTIPLE REFERENCE FILTERS
2754	pending	SG	11202251865W	PALETTE MODE FOR LOCAL DUAL TREE
2755	pending	CN	202180037265.7	SCALABLE NESTED SEI MESSAGE PROCESSING DURING VIDEO SUBBIT STREAM EXTRACTION
2756	granted	US	17/486,312	HISTORY-BASED MOTION VECTOR PREDICTION

2757	pending	US	18/528,258	CODING OF INSTANTANEOUS DECODING REFRESH SUBPICTURES
2758	granted	TW	108124975	EXTENSION OF LOOK-UP TABLE BASED MOTION VECTOR PREDICTION WITH TEMPORAL INFORMATION
2759	pending	TW	108133900	FAST ALGORITHMS FOR ADAPTIVE MOTION VECTOR RESOLUTION IN AFFINE MODE
2760	pending	CA	3146391	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
2761	pending	US	18/513,020	PALETTE MODE FOR LOCAL DUAL TREE
2762	pending	CN	202180015696.3	INFERRING THE WEIGHT VALUES OF THE VIDEO COMPONENTS IN A BITSTREAM
2763	pending	CN	202311035395.4	MATRIX-BASED CONTEXTUAL CODING FOR INTRA-FRAME PREDICTION
2764	pending	SG	11202253276A	USE OF SUBPICTURE INFORMATION IN VIDEO CODING
2765	granted	CN	202080012235.6	NOTIFICATION OF LOOP SHAPING INFORMATION USING PARAMETER SET SIGNALING
2766	pending	CA	3137099	CONTEXT CODING FOR TRANSFORM SKIP MODE
2767	granted	CN	201910544640.1	COMPONENT-DEPENDENT SUB-BLOCK SPLITTING
2768	pending	KR	10-2021-7031428	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
2769	granted	JP	2021-564972	SELECTION OF SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
2770	pending	TH	2101006290	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
2771	pending	EP	20862628.3	QUANTIZATION PARAMETER OFFSET FOR CHROMA DEBLOCKING FILTERING
2772	granted	US	17/967,382	PRESENCE OF ADAPTATION PARAMETER SET UNITS
2773	pending	US	17/369,132	CONDITIONS FOR UPDATING LUTS
2774	pending	CN	202311504939.7	TWO-STAGE SIGNALING FOR FILTERED INFORMATION IN VIDEO PROCESSING
2775	granted	US	17/403,670	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
2776	granted	CN	201910901074.5	COMPLEXITY REDUCTION OF AFFINE PATTERNS
2777	granted	US	17/546,717	RESTRICTIONS OF USAGE OF TOOLS ACCORDING TO REFERENCE PICTURE TYPES

2778	pending	US	18/506,313	JOINT USE OF ADAPTIVE COLOUR TRANSFORM AND DIFFERENTIAL CODING OF VIDEO
2779	granted	US	17/193,605	AFFINE MODE IN VIDEO CODING AND DECODING
2780	pending	US	17/896,761	DIRECTION-BASED PREDICTION FOR INTRA BLOCK COPY IN VIDEO CODING
2781	pending	CN	202180041267.3	SUBLAYER SIGNALING IN VIDEO CODECS
2782	pending	CN	201980073988.5	COORDINATION BETWEEN AFFINE MODE AND OTHER INTERFRAME CODEC TOOLS
2783	pending	EP	20862629.1	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
2784	granted	US	17/580,446	MODE DETERMINING FOR PALETTE MODE IN PREDICTION PROCESS
2785	granted	CN	202080008149.8	COORDINATION BETWEEN OVERLAPPING BLOCK MOTION COMPENSATION AND OTHER TOOLS
2786	pending	EP	20837885.1	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
2787	pending	MY	PI2021002706	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
2788	pending	VN	1-2021-04528	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
2789	pending	JP	2022-539153	SYNTAX FOR SIGNALING VIDEO SUBPICTURES
2790	pending	CN	202080041881.5	IMPLICITLY CHOSEN TRANSFORM CANDIDATE
2791	pending	EP	20833035.7	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
2792	pending	SG	11202111530Y	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
2793	pending	CN	202310294228.5	VIDEO PROCESSING METHOD, ENCODING DEVICE AND DECODING DEVICE
2794	granted	TW	108119612	EQT DEPTH CALCULATION
2795	pending	EP	23220578.1	CHECKING ORDER OF MOTION CANDIDATES IN LUT
2796	pending	TH	2101004301	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
2797	pending	SG	11202109482P	JOINT CODING OF PALETTE MODE USAGE INDICATION
2798	pending	CN	202180014141.7	REFERENCE PICTURE RESAMPLING ACTIVATION IN VIDEO CODECS
2799	pending	BR	BR112021014853-1	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
2800	pending	IN	202147049609	MATRIX-BASED INTRA PREDICTION USING FILTERING

2801	pending	JP	2022-570207	HANDLING OF CODED VIDEO IN SUB-BITSTREAM EXTRACTION PROCESS
2802	pending	VN	1-2022-01641	METHOD AND APPARATUS FOR PROCESSING VIDEO DATA, AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
2803	pending	BR	BR112022002480-0	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
2804	granted	CN	201980075557.2	MERGE WITH MOTION VECTOR DIFFERENCE IN VIDEO PROCESSING
2805	pending	SG	11202202777Y	TWO-PART SIGNALING OF ADAPTIVE LOOP FILTERS IN VIDEO CODING
2806	granted	US	17/968,536	SYNTAX FOR SIGNALING CROSS-COMPONENT VIDEO CODING
2807	pending	KR	10-2021-7035948	MULTIPLE SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
2808	granted	CN	201910663422.X	MOTION PREDICTION BASED ON UPDATED MOTION VECTORS
2809	granted	CN	201910888091.X	SELECTION OF NEIGHBORING ADJACENT BLOCKS FOR INTRA-FRAME CODING
2810	granted	MX	MX/A/2022/002247	VIDEO REGION PARTITION BASED ON COLOR FORMAT
2811	pending	CN	202080012237.5	FILTERING PROCESS BASED ON LOOP SHAPING
2812	pending	HK	62022052908.0	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
2813	pending	IN	202227053003	USING VIDEO PARAMETER SET IN VIDEO CODING
2814	pending	MY	PI2021004348	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
2815	pending	EP	20844494.3	SIZE RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
2816	pending	TW	108134498	SIMPLIFIED HISTORY BASED MOTION VECTOR PREDICTION
2817	pending	US	17/888,238	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO SLICES
2818	pending	KR	10-2022-7012629	SIGNALING FOR REFERENCE PICTURE RESAMPLING
2819	pending	CN	202180022467.4	USING VIDEO PARAMETER SETS IN VIDEO CODECS
2820	granted	US	17/520,975	SYNTAX SIGNALING FOR OPTICAL-FLOW BASED INTER CODING
2821	granted	JP	2021-528964	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
2822	pending	EP	23203581.6	Interpolation for Inter Prediction with Refinement

2823	pending	EP	21770898.1	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
2824	granted	CN	201910646610.1	CONSTRAINTS FOR MICROBLOCKS
2825	pending	EP	20907699.1	SIGNALING OF DECODED PICTURE BUFFER PARAMETERS IN LAYERED VIDEO
2826	pending	SG	11202110102Y	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2827	pending	CN	202310161977.0	CALCULATION OF AFFINE PATTERNS FOR DIFFERENT VIDEO BLOCK SIZES
2828	granted	CN	202080033241.X	ADAPTIVE LOOP FILTERING OF CHROMATICITY COMPONENTS
2829	pending	CN	202180023287.8	COMBINATION OF SUBIMAGES AND SCALABILITY
2830	pending	CN	202080082602.X	DICTIONARY-BASED CODING AND DECODING OF VIDEO DATA
2831	granted	US	17/098,962	CLIPPING OF UPDATED MV OR DERIVED MV
2832	granted	CN	201980077071.2	IMPROVED METHODS FOR TRANSFORMING QUANTIZED OR QUANTIZED BYPASS MODES
2833	pending	IN	202227053036	RANDOM ACCESS POINT ACCESS UNIT IN SCALABLE VIDEO CODING
2834	pending	EP	21753466.8	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO TILES
2835	pending	SG	11202254442T	CONDITIONAL SIGNALING OF VIDEO CODING SYNTAX ELEMENTS
2836	pending	EP	21791788.9	CONSTRAINTS ON REFERENCE PICTURE LISTS
2837	granted	JP	2021-523110	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
2838	pending	BR	BR112021025871-0	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
2839	pending	CN	202310485199.0	SIGNALING NOTIFICATION WITH MOTION VECTOR ACCURACY INDICATION WITH ADAPTIVE MOTION VECTOR RESOLUTION
2840	pending	US	18/172,028	PADDING PROCESS IN ADAPTIVE LOOP FILTERING
2841	granted	CN	201910904951.4	CHROMA MODE INTRA-FRAME ENCODING
2842	granted	CN	202180016147.8	METHOD FOR PROCESSING VIDEO DATA BASED ON SIGNALING NOTIFICATION FOR STRIP AND SLICE PICTURE SEGMENTATION
2843	granted	CN	201910774625.6	QUANTIZATION DIFFERENCE FOR WEIGHTED PARAMETER DERIVATION IN BILATERAL FILTERS
2844	pending	VN	1-2021-06526	METHOD AND APPARATUS FOR PROCESSING VIDEO AND NON-

				TRANSITORY COMPUTER-READABLE MEDIUM
2845	pending	CN	202080009303.3	DE-SQUARE FILTERING USING MOTION PREDICTION
2846	pending	CN	202180020899.1	HIGH-LEVEL BITSTREAM SYNTAX FOR QUANTIZATION PARAMETERS
2847	pending	US	18/523,562	INDICATION OF MULTIPLE TRANSFORM MATRICES IN CODED VIDEO
2848	granted	US	17/944,870	CONSTRAINTS ON REFERENCE PICTURE LISTS ENTRIES
2849	granted	US	17/575,754	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
2850	granted	CN	202080036229.4	ADAPTIVE BIT DEPTH CONVERSION IN VIDEO CODECS
2851	pending	JP	2022-517726	SCALING PROCESS FOR CODING BLOCK
2852	pending	IN	202127037093	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
2853	granted	US	17/018,200	CONDITIONS FOR STARTING CHECKING HMVP CANDIDATES DEPEND ON TOTAL NUMBER MINUS K
2854	pending	ID	P00202200872	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
2855	pending	US	18/517,737	COEFFICIENTS CODING IN TRANSFORM SKIP MODE
2856	pending	EP	21760718.3	DERIVATION OF THE HEIGHT OF A SUBPICTURE
2857	pending	JP	2023-200299	PROFILE, TIER AND LAYER INDICATION IN VIDEO CODING
2858	granted	US	17/567,717	SIGNALING OF CHROMA RESIDUAL SCALING
2859	pending	EP	20850766.5	SIZE RESTRICTION BASED ON COLOR FORMAT
2860	pending	KR	10-2022-7041438	USING SUBPICTURES AND TILES IN VIDEO CODING
2861	pending	US	18/498,356	TRANSFORM SKIP RESIDUAL CODING
2862	pending	US	17/652,176	RESIDUAL COEFFICIENTS CODING
2863	pending	KR	10-2022-7039091	GENERAL CONSTRAINT INFORMATION IN VIDEO CODING
2864	pending	CN	202080018542.5	ENABLE BIO BASED ON THE INFORMATION IN THE IMAGE HEADER
2865	pending	EP	20765739.6	DIRECTION-BASED PREDICTION FOR INTRA BLOCK COPY IN VIDEO CODING
2866	granted	JP	2022-549583	SIGNALING OF PREDICTION WEIGHTS IN GENERAL CONSTRAINT INFORMATION OF A BITSTREAM

2867	pending	US	17/838,498	BIDIRECTIONAL OPTICAL FLOW BASED VIDEO CODING AND DECODING
2868	granted	US	17/483,570	USING COMBINED INTER INTRA PREDICTION IN VIDEO PROCESSING
2869	pending	CN	202080009388.5	INSERTION ORDER OF CAMPAIGN CANDIDATES IN THE LUT
2870	pending	BR	BR112022005109-3	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
2871	granted	US	17/528,288	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
2872	granted	CN	202080051103.4	INDICATION OF ADAPTIVE LOOP FILTERING WITH ADAPTIVE PARAMETER CENTRALIZATION
2873	granted	JP	2022-539116	CONSTRAINTS ON SIGNALING OF HYPOTHETICAL REFERENCE DECODER PARAMETERS IN VIDEO BITSTREAMS
2874	pending	EP	23210725.0	SIZE SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
2875	pending	US	18/335,317	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
2876	pending	EP	21760278.8	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
2877	granted	CN	202080020067.5	IMPROVEMENTS IN CAMPAIGN CANDIDATE LIST CONSTRUCTION
2878	pending	CN	202080090430.0	LIMITATIONS ON CODECS FOR LAYERED VIDEOS
2879	granted	CN	202080026270.3	ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2880	pending	VN	1-2021-06136	METHOD AND APPARATUS FOR PROCESSING VIDEO DATA AND NON-TRANSITORY COMPUTER-READABLE MEDIUM
2881	pending	CN	202080000553.0	COMBINED SCREEN CONTENT ENCODING MODES
2882	pending	CN	202180041222.6	CONSTRAINTS ON IN-FRAME BLOCK REPLICATION USING NON-IMMEDIATELY ADJACENT NEIGHBORING BLOCKS
2883	granted	KR	10-2022-7003027	VIDEO REGION PARTITION BASED ON COLOR FORMAT
2884	pending	CN	202180025024.0	SIGNALING NOTIFICATION AND INFERENCE FOR SUBPICTURE-RELATED SYNTAX ELEMENTS
2885	granted	MX	MX/A/2021/012674	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
2886	pending	VN	1-2022-00533	METHOD AND APPARATUS OF PROCESSING VIDEO DATA, AND COMPUTER-READABLE MEDIUM

2887	pending	PH	1-2021-552543	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
2888	granted	CN	201910637842.0	METHODS, APPARATUSES AND STORAGE MEDIA FOR VIDEO PROCESSING
2889	granted	CN	201980072613.7	SIMPLIFIED PARAMETER DERIVATION FOR INTRA-FRAME PREDICTION
2890	pending	EP	20782257.8	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
2891	pending	HK	62022052906.4	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
2892	granted	CN	201911019443.4	SEARCH-BASED MOTION CANDIDATE DERIVATION FOR SUB-BLOCK MOTION VECTOR PREDICTION
2893	pending	CN	202180031080.5	CONDITIONAL SIGNALING NOTIFICATION FOR WEIGHTED PREDICTION MESSAGES
2894	pending	CN	202311453730.2	SIGNALING NOTIFICATION RELATED TO SUB-PICTURES IN VIDEO BITSTREAMS
2895	pending	EP	21807781.6	SIGNALING OF GRADUAL DECODING REFRESH AND REFERENCE PICTURE LISTS
2896	granted	US	17/406,260	CLIPPING OPERATION IN SECONDARY TRANSFORM BASED VIDEO PROCESSING
2897	granted	US	17/331,017	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
2898	granted	US	17/005,483	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
2899	granted	CN	202080050109.X	SAMPLE POINT IDENTIFIER FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
2900	pending	MX	MX/A/2021/009943	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
2901	pending	US	18/525,057	USING SUBPICTURES AND TILES IN VIDEO CODING
2902	pending	KR	10-2023-7045251	INTERACTION BETWEEN LUT AND AMVP
2903	pending	CN	202180043484.6	PICTURE BUFFER MANAGEMENT AND SUB-PICTURES FOR DECODING IN VIDEO CODECS
2904	granted	US	17/461,530	CALCULATION OF PREDICATION REFINEMENT BASED ON OPTICAL FLOW
2905	granted	KR	10-2021-7012211	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
2906	pending	JP	2022-547711	DEBLOCKING PARAMETERS FOR CHROMA COMPONENT
2907	granted	RU	2022102160	VIDEO REGION PARTITION BASED ON COLOR FORMAT
2908	pending	US	18/328,548	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING

2909	pending	EP	20810710.2	MATRIX-BASED INTRA PREDICTION USING UPSAMPLING
2910	pending	RU	2021128820	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
2911	pending	CN	202311763896.4	USING COMBINED INTER- AND INTRA-FRAME PREDICTION IN VIDEO PROCESSING
2912	pending	VN	1-2021-04589	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
2913	pending	IN	202227068477	INDICATION OF MULTIPLE TRANSFORM MATRICES IN CODED VIDEO
2914	granted	US	17/161,198	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
2915	pending	TH	2101005823	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
2916	granted	TW	108129527	SIMPLIFIED CROSS COMPONENT PREDOCTION
2917	pending	US	17/651,975	UPDATING FOR COUNTER-BASED INTRA PREDICTION MODE
2918	granted	CN	202080008722.5	MV ACCURACY CONSTRAINTS
2919	granted	US	17/129,029	AUTOMATIC PARTITION FOR CROSS BLOCKS
2920	pending	EP	21807970.5	NUMBER RESTRICTION FOR SUBLAYERS
2921	pending	CN	202080019416.1	COMBINED INTER-FRAME AND INTRA-FRAME PREDICTIVE SIGNALING
2922	granted	RU	2021129533	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
2923	granted	TW	108129923	QUANTIZED DIFFERENCE USED FOR WEIGHTING PARAMETERS DERIVATION IN BILATERAL FILTERS
2924	granted	US	17/403,707	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
2925	pending	JP	2023-026362	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
2926	pending	US	17/541,069	INTERACTIONS BETWEEN SUB-BLOCK BASED INTRA BLOCK COPY AND DIFFERENT CODING TOOLS
2927	pending	JP	2023-065495	POSITION DEPENDENT INTRA PREDICTION
2928	pending	ID	P00202105730	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
2929	granted	CN	202080073106.8	SYNTACTIC CONSTRAINTS IN PARAMETER SET SIGNALING FOR SUBPICTURES
2930	granted	CN	201980078549.3	CONTEXT-BASED INTRA-FRAME PREDICTION

2931	pending	KR	10-2022-7041329	ENTROPY CODING FOR MOTION PRECISION SYNTAX
2932	pending	MX	MX/A/2022/002916	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
2933	pending	SG	11202252353C	SIGNALLING OF WEIGHTS OF A REFERENCE PICTURE LIST
2934	pending	IN	202247021928	USE AND SIGNALING OF REFINING VIDEO CODING TOOLS
2935	granted	CN	202080057870.6	MODELING THE CONTEXT OF EDGE INFORMATION FOR REDUCED QUADRATIC TRANSFORMS IN VIDEO
2936	pending	CN	202080025301.3	HISTORY-BASED MOTION VECTOR PREDICTION
2937	pending	CN	202080059765.6	DE-SQUARE FILTERING AT CODEC BLOCK OR SUB-BLOCK BOUNDARIES
2938	pending	KR	10-2022-7002520	SELECTION OF MATRICES FOR REDUCED SECONDARY TRANSFORM IN VIDEO CODING
2939	granted	JP	2022-515999	QUANTIZATION PARAMETER OFFSET FOR CHROMA DEBLOCKING FILTERING
2940	pending	KR	10-2021-7022037	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
2941	pending	CN	202080090761.4	SUB-PICTURE SIGNALING IN THE PARAMETER SET
2942	pending	IN	202147045306	CALCULATION IN MATRIX-BASED INTRA PREDICTION
2943	granted	US	17/360,868	EARLY DETERMINATION OF HASH-BASED MOTION SEARCHING
2944	pending	SG	11202200101U	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
2945	granted	US	17/205,925	SELECTION OF ADJACENT NEIGHBORING BLOCK FOR INTRA CODING
2946	granted	CN	202080034851.1	SCALING METHODS IN VIDEO CODECS
2947	pending	IN	202227062009	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
2948	pending	EP	23219635.2	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
2949	granted	JP	2021-559288	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
2950	granted	US	17/568,599	CLIPPING IN REFERENCE PICTURE RESAMPLING
2951	pending	CN	202080007786.3	USE OF INTERLEAVED FORECASTS
2952	pending	CN	202080090816.1	SYNTAX FOR SIGNALING NOTIFICATION OF VIDEO SUBPICTURES
2953	pending	US	18/187,318	EXTENSIONS OF INTER PREDICTION WITH GEOMETRIC PARTITIONING

2954	granted	JP	2021-547843	PARAMETER DERIVATION FOR INTRA PREDICTION
2955	pending	CN	201980082166.3	HIGH ACCURACY OF MV POSITION
2956	granted	JP	2022-513854	VIDEO REGION PARTITION BASED ON COLOR FORMAT
2957	pending	CN	202080013821.2	LIMITATIONS OF THE APPLICABILITY OF THE INTRAFRAME BLOCK COPYING MODEL
2958	pending	EP	19882035.9	POSITION DEPENDENT STORAGE OF MOTION INFORMATION
2959	pending	KR	10-2021-7040624	SYNTAX ELEMENT FOR CHROMA RESIDUAL SCALING
2960	pending	CN	202311605843.X	CONDITIONS FOR PARAMETER DERIVATION FOR INTRA-FRAME PREDICTION
2961	pending	US	18/516,468	SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS ENHANCEMENTS
2962	pending	VN	1-2022-05971	USING VIDEO PARAMETER SET IN VIDEO CODING
2963	pending	BR	BR 11 2022 016130 1	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO SLICES
2964	pending	JP	2022-522384	JOINT CODING OF CHROMA RESIDUAL AND FILTERING IN VIDEO PROCESSING
2965	pending	VN	1-2022-08121	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
2966	pending	US	18/517,139	SIGNALLING OF GENERAL CONSTRAINS FLAG
2967	pending	US	17/714,541	RESTRICTION OF APPLICABILITY FOR INTRA BLOCK COPY MODE
2968	granted	US	17/019,675	INTERACTION BETWEEN LUT AND AMVP
2969	granted	US	17/703,725	RESTRICTIONS OF USAGE OF TOOLS ACCORDING TO REFERENCE PICTURE TYPES
2970	granted	US	17/071,292	SIGNALING OF SIDE INFORMATION FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
2971	granted	JP	2021-559619	TEMPORAL PREDICTION OF PARAMETERS IN NON-LINEAR ADAPTIVE LOOP FILTER
2972	pending	KR	10-2022-7045226	PALETTE MODE WITH LOCAL DUAL TREE MODETYPE DEFINITION
2973	pending	US	17/888,956	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
2974	pending	CN	202311458530.6	QUANTIZATION PROPERTIES OF ADAPTIVE IN-THE-LOOP COLOR SPACE TRANSFORMATIONS FOR VIDEO CODECS
2975	pending	CN	202311506464.5	QUANTIZATION PARAMETERS FOR CHROMINANCE DEBLOCKING FILTERING

2976	pending	US	17/524,477	BOUNDARY STRENGTH DETERMINATION FOR DEBLOCKING FILTERS IN VIDEO PROCESSING
2977	pending	CN	202180019494.6	HANDLING OF TRANSFORM SKIP MODE IN VIDEO CODECS
2978	pending	KR	10-2021-7033141	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
2979	granted	CN	201910533257.6	MODE-DEPENDENT DIFFERENTIAL PRECISION SET OF MOTION VECTORS
2980	pending	CN	202080008061.6	LUT UPDATE INVOCATION
2981	granted	US	18/079,154	PICTURE HEADER CONSTRAINTS FOR MULTI-LAYER VIDEO CODING
2982	pending	US	18/194,420	MULTIPLE MERGE LISTS AND ORDERS FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
2983	pending	IN	202227015817	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING
2984	pending	CN	202311474234.5	MATRIX-BASED INTRA-FRAME PREDICTION USING UPSAMPLING
2985	granted	US	17/484,565	ALTERNATIVE INTERPOLATION FILTERS IN VIDEO CODING
2986	granted	CN	202080028106.6	DETERMINATION OF CHROMA CODING AND DECODING MODES FOR MATRIX-BASED INTRA-FRAME PREDICTION
2987	pending	PH	1-2021-551289	CONTEXT-BASED INTRA PREDICTION
2988	granted	TW	108134289	MV PLANAR MODE WITH BLOCK LEVEL
2989	pending	CN	202310085146.X	VIDEO PROCESSING METHODS, APPARATUS AND COMPUTER-READABLE MEDIA
2990	pending	EP	19883299.0	SIMPLIFIED PARAMETER DERIVATION FOR INTRA PREDICTION
2991	pending	US	17/401,438	SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
2992	pending	CN	202180030024.X	TRANSFORM SKIP RESIDUAL CODEC
2993	pending	KR	10-2021-7030932	ON ADAPTIVE LOOP FILTERING FOR VIDEO CODING
2994	granted	CA	3105330	INTERACTION BETWEEN LUT AND AMVP
2995	granted	MX	MX/A/2022/001243	VIDEO REGION PARTITION BASED ON COLOR FORMAT
2996	pending	JP	2023-002737	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
2997	pending	US	17/411,170	SELECTION OF SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
2998	pending	BR	BR112022012807-0	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS

2999	pending	KR	10-2022-7043886	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
3000	pending	IN	202127002083	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS
3001	pending	EP	20882124.9	SIGNALING OF CROSS-COMPONENT ADAPTIVE LOOP FILTER
3002	pending	CN	202311515257.6	PREDICTIVE TYPE SIGNALING IN VIDEO CODECS
3003	granted	US	17/860,588	PROCESSING OF FILLER DATA UNITS IN VIDEO STREAMS
3004	granted	CN	202080025292.8	ENTROPY CODING AND DECODING OF AFFINE MODES WITH ADAPTIVE MOTION VECTOR RESOLUTION
3005	pending	CN	202080017067.X	SUBBLOCK-BASED MOTION VECTOR DERIVATION FOR REGRESSION-BASED MOTION VECTOR FIELDS
3006	pending	EP	23213700.0	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS
3007	pending	US	18/453,041	CROSS-COMPONENT ADAPTIVE LOOP FILTER
3008	granted	TW	108121341	MODE DEPENDENT MVD PRECISION SET
3009	granted	CN	202080028619.7	CONSTRAINTS ON AVAILABILITY ACROSS COMPONENT MODELS
3010	granted	US	17/392,581	CLIPPING PARAMETER DERIVATION IN ADAPTIVE LOOP FILTER
3011	granted	CN	202080045543.9	ADAPTIVE INTRA-RING COLOR SPACE TRANSFORMATION FOR VIDEO CODECS
3012	pending	JP	2023-111065	INTRA CODED VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODING
3013	granted	US	17/502,280	PALETTE MODE WITH INTRA BLOCK COPY PREDICTION
3014	granted	TW	108123180	CONDITIONS FOR UPDATING LUTS
3015	granted	JP	2021-523115	INTERACTION BETWEEN LUT AND AMVP
3016	granted	US	16/987,787	INTERACTION OF ASYMMETRIC WEIGHTED MERGES AND OTHER CODING TOOLS
3017	pending	CN	201980083470.X	SHAPE-DEPENDENT INTERPOLATION FILTERS
3018	pending	CN	202180014549.4	SUB-BITSTREAM EXTRACTION PROCESS IN VIDEO CODECS
3019	pending	US	18/511,098	MOTION VECTOR RANGE BASED ON MOTION VECTOR PRECISION
3020	pending	EP	21761228.2	USING PICTURE LEVEL SLICE INDEX IN VIDEO CODING

3021	pending	JP	2022-556156	COMBINATION OF SUBPICTURES AND SCALABILITY
3022	pending	KR	10-2022-7020658	CONSTRAINTS ON SIGNALING OF HYPOTHETICAL REFERENCE DECODER PARAMETERS IN VIDEO BITSTREAMS
3023	pending	MY	PI2021005428	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
3024	pending	SG	11202253712U	CONFORMANCE WINDOW PARAMETERS IN VIDEO CODING
3025	pending	KR	10-2021-7012713	HISTORY BASED MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY
3026	pending	US	17/579,994	RESTRICTIONS ON DECODER SIDE MOTION VECTOR DERIVATION BASED ON CODING INFORMATION
3027	pending	BR	112020024142-3	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
3028	granted	US	17/320,033	BUFFER INITIALIZATION FOR INTRA BLOCK COPY IN VIDEO CODING
3029	granted	US	17/031,208	SIDE INFORMATION SIGNALING FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
3030	pending	US	17/881,197	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
3031	pending	JP	2023-022534	HISTORY BASED MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY
3032	pending	CN	202210602507.9	CHECKING ORDER OF MOTION CANDIDATES IN LUTS
3033	pending	KR	10-2022-7044532	INTER LAYER PREDICTION WITH DIFFERENT CODING BLOCK SIZE
3034	pending	BR	BR112022019811-6	COEFFICIENTS CODING IN TRANSFORM SKIP MODE
3035	pending	ID	P00202108973	CONTEXT CODING FOR TRANSFORM SKIP MODE
3036	granted	JP	2021-556953	MULTI-PARAMETER ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
3037	granted	US	17/696,681	LUMA MAPPING WITH CHROMA SCALING
3038	pending	KR	10-2022-7001255	SIZE RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
3039	granted	JP	2022-525117	CROSS-COMPONENT ADAPTIVE LOOP FILTER
3040	pending	CN	202180008179.3	LIMITATIONS ON INTER-FRAME PREDICTION FOR SUB-PICTURES
3041	pending	JP	2024-017982	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
3042	granted	CN	201910533890.5	GENERALIZED MOTION VECTOR DIFFERENTIAL RESOLUTION

3043	granted	US	17/338,564	INTER PREDICTION USING POLYNOMIAL MODEL
3044	pending	KR	10-2022-7028383	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
3045	pending	CN	202311434272.8	REGION-BASED GRADIENT COMPUTATION IN DIFFERENT MOTION VECTOR REFINEMENTS
3046	pending	JP	2022-508461	BUFFER MANAGEMENT IN SUBPICTURE DECODING
3047	pending	BR	BR112022007140-0	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
3048	granted	US	17/150,296	QUANTIZED DIFFERENCE USED FOR WEIGHTING PARAMETERS DERIVATION IN BILATERAL FILTERS
3049	pending	IN	202147023020	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
3050	granted	ZA	2021/07452	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
3051	pending	IN	202227077244	BOUNDARY LOCATION FOR ADAPTIVE LOOP FILTERING
3052	granted	US	17/702,318	SETTING INTRA-BLOCK COPY VIRTUAL BUFFER BASED ON VIRTUAL PIPELINE DATA UNIT
3053	pending	CN	202180037286.9	SIGNALING NOTIFICATION FOR COLOR COMPONENTS
3054	granted	US	17/723,175	INTERPLAY BETWEEN SUBPICTURES AND IN-LOOP FILTERING
3055	pending	US	18/156,666	INVOKE OF LUT UPDATING
3056	pending	CA	3137163	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
3057	granted	GB	2103215.6	AFFINE MODE CALCULATIONS FOR DIFFERENT VIDEO BLOCK SIZES
3058	pending	EP	19745296.4	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
3059	pending	KR	10-2022-7021593	GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING
3060	pending	PH	1-2022-553382	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
3061	pending	CN	201980068647.9	REFERENCE PICTURE-BASED DERIVATION OF DECODER SIDE MOTION VECTORS
3062	pending	CN	202180027080.8	CONTROL OF SIGNALING NOTIFICATIONS FOR QUANTIZED PARAMETER INCREMENTS

3063	pending	CN	202080091761.6	DIFFERENCE IN MOTION VECTORS OF BLOCKS WITH GEOMETRIC SEGMENTATION
3064	pending	JP	2023-117792	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
3065	pending	JP	2022-559433	DEBLOCKING SIGNALING IN VIDEO CODING
3066	pending	EP	20863978.1	USING PALETTE PREDICTOR IN VIDEO CODING
3067	pending	EP	20871705.8	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM
3068	pending	IN	202127051733	DEBLOCKING FILTER FOR VIDEO CODING
3069	pending	CN	202080071243.8	USE OF NON-RECTANGULAR SEGMENTATION IN VIDEO CODECS
3070	pending	US	18/504,708	RESTRICTED UPSAMPLING PROCESS IN MATRIX-BASED INTRA PREDICTION
3071	granted	JP	2022-109540	INTERACTION BETWEEN IBC AND ATMVP
3072	granted	TW	108127812	CONSTRAINTS FOR USAGE OF UPDATED MOTION INFORMATION
3073	pending	CN	202180029366.X	SYNTAX FOR SIGNALING NOTIFICATION CROSS-COMPONENT VIDEO CODING AND DECODING
3074	pending	SG	11202261067Y	VIDEO PARAMETER SET CONSTRAINTS FOR SUBPICTURE SUB-BITSTREAM EXTRACTION
3075	granted	JP	2022-517344	TWO-PART SIGNALING OF ADAPTIVE LOOP FILTERS IN VIDEO CODING
3076	granted	JP	2022-510080	CLIPPING IN REFERENCE PICTURE RESAMPLING
3077	granted	CN	202080035009.X	SELECTION OF QUADRATIC TRANSFORM MATRIX FOR VIDEO PROCESSING
3078	granted	US	17/875,069	RESIDUAL CODING FOR TRANSFORM SKIPPED BLOCKS
3079	pending	CN	202080083999.4	SPLITTABLE QUADRATIC TRANSFORM PROCESSING FOR CODED AND DECODED VIDEO
3080	pending	JP	2023-105109	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
3081	pending	KR	10-2022-7031200	USING VIDEO PARAMETER SET IN VIDEO CODING
3082	granted	CN	201910765291.6	A METHOD AND APPARATUS FOR PROCESSING VIDEO DATA
3083	granted	CN	201910498122.0	IMPROVED MOTION VECTOR DERIVATION FOR PATTERN MATCHING
3084	pending	US	17/389,157	CONDITION-DEPENDENT UNSYMMETRICAL QUAD-TREE PARTITIONING

3085	pending	MY	PI2021002181	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
3086	pending	IN	202247055947	CONSTRAINTS ON COLLOCATED PICTURES IN VIDEO CODING
3087	granted	US	17/244,533	MULTIPLE MERGE LISTS AND ORDERS FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
3088	pending	IN	202247015018	LUMA MAPPING WITH CHROMA SCALING
3089	pending	VN	1-2022-00532	METHOD AND APPARATUS OF PROCESSING VIDEO DATA, AND COMPUTER-READABLE MEDIUM
3090	pending	IN	202227049252	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
3091	pending	ZA	2021/06350	JOINT CODING OF PALETTE MODE USAGE INDICATION
3092	pending	CN	201980005122.0	MOTION VECTOR STORAGE FOR INTER-FRAME PREDICTION
3093	pending	US	17/882,590	BV LIST CONSTRUCTION PROCESS OF IBC BLOCKS UNDER MERGE ESTIMATION REGION
3094	pending	MY	PI2021004825	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3095	pending	JP	2022-500635	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
3096	pending	CN	201980079202.0	IN-FRAME BLOCK COPY MODE WITH DUAL-TREE SPLITTING
3097	pending	EP	20837744.0	BITSTREAM CONFORMANCE CONSTRAINTS FOR INTRA BLOCK COPY IN VIDEO CODING
3098	pending	IN	202127049597	SELECTION OF SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
3099	pending	BR	BR 112022004606-5	USING PALETTE PREDICTOR IN VIDEO CODING
3100	pending	US	17/979,949	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING
3101	pending	RU	2021129363	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
3102	pending	CN	202080011726.9	BUFFER INITIALIZATION FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
3103	pending	SG	11202108938T	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3104	granted	US	17/570,723	BITSTREAM CONFORMANCE CONSTRAINTS FOR INTRA BLOCK COPY IN VIDEO CODING
3105	granted	CN	202080036237.9	INTERACTION BETWEEN TRANSFORM SKIP MODE AND OTHER CODEC TOOLS
3106	pending	MX	MX/A/2022/004896	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING

3107	pending	CN	202311789944.7	METHOD OF INDICATING THE MAXIMUM NUMBER OF CANDIDATES
3108	pending	IN	202127020294	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
3109	pending	CN	201911007867.9	SUBBLOCK-BASED PREDICTION
3110	pending	US	18/527,601	HANDLING DIFFERENT NAL TYPES IN VIDEO SUB-BITSTREAM EXTRACTION
3111	granted	JP	2021-522970	BANDWIDTH CONTROL METHODS FOR INTER PREDICTION
3112	granted	US	17/368,972	RESTRICTIONS ON IN-LOOP FILTERING
3113	pending	EP	20859901.9	CODING MODE DETERMINATION BASED ON COLOR FORMAT
3114	pending	US	17/457,473	SIMPLIFIED TRANSFORM CODING TOOLS
3115	pending	KR	10-2022-7013425	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING
3116	pending	US	18/529,108	SUB-PARTITIONING IN INTRA CODING
3117	pending	US	18/322,466	CROSS-COMPONENT ADAPTIVE LOOP FILTERING IN VIDEO CODING
3118	pending	US	18/524,963	CONSTRAINTS ON PICTURE OUTPUT ORDERING IN A VIDEO BITSTREAM
3119	pending	PH	1-2021-551991	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3120	pending	IN	202227053087	PICTURE OUTPUT FLAG INDICATION IN VIDEO CODING
3121	pending	CN	202180032523.2	ENTROPY CODING AND DECODING FOR SEGMENTATION GRAMMARS
3122	pending	KR	10-2021-7038590	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA PREDICTION
3123	pending	CN	202211006027.2	THE CONCEPT OF INTERLEAVED FORECASTING
3124	pending	CN	202311527606.6	CONTEXT-BASED INTRA-FRAME PREDICTION
3125	pending	EP	20852734.1	BUFFER MANAGEMENT IN SUBPICTURE DECODING
3126	pending	SG	11202201224V	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
3127	pending	JP	2023-170325	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
3128	pending	BR	BR112022002006-6	SIZE RESTRICTION BASED ON COLOR FORMAT
3129	granted	TW	108133898	HISTORY BASED MOTION VECTOR PREDICTOR FOR INTRA BLOCK COPY
3130	pending	JP	2022-573731	SIGNALING OF GENERAL CONSTRAIN INFORMATION
3131	pending	IN	202227062377	ENTROPY CODING FOR PARTITION SYNTAX

3132	pending	IN	202247071727	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
3133	pending	JP	2023-027696	CONTEXT FOR CODING AFFINE MODE ADAPTIVE MOTION VECTOR RESOLUTION
3134	granted	US	17/239,615	OVERLAPPED BLOCK MOTION COMPENSATION WITH DERIVED MOTION INFORMATION FROM NEIGHBORS
3135	pending	EP	21738381.9	CONSTRAINTS ON VALUE RANGES IN VIDEO BITSTREAMS
3136	pending	US	17/386,519	BUFFER ACCESS METHODS FOR INTRA BLOCK COPY IN VIDEO CODING
3137	pending	CN	201980077195.0	FLAG INDICATION METHODS IN INTRA-BLOCK COPY MODE
3138	granted	CN	201910586445.5	A VIDEO PROCESSING METHOD AND APPARATUS
3139	granted	US	17/529,533	SUB-BLOCK BASED USE OF TRANSFORM SKIP MODE
3140	pending	US	18/525,250	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
3141	pending	CA	3148299	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
3142	pending	CN	202080007864.X	DERIVATION OF MOTION VECTORS BETWEEN DELINEATION MODES
3143	pending	KR	10-2021-7012826	POSITION DEPENDENT STORAGE OF MOTION INFORMATION
3144	granted	SG	11202110936P	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
3145	pending	CN	202080008739.0	INTERACTION BETWEEN INTERLEAVED PREDICTION AND OTHER CODEC TOOLS
3146	pending	US	17/689,709	INTRA BLOCK COPY CODING AND DECODING
3147	granted	US	17/589,168	VIDEO REGION PARTITION BASED ON COLOR FORMAT
3148	pending	US	18/176,827	IMPROVED TMVP DERIVATION
3149	pending	IN	202227011319	CODING MODE DETERMINATION BASED ON COLOR FORMAT
3150	pending	IN	202127003385	CHECKING ORDER OF MOTION CANDIDATES IN LUT
3151	pending	VN	1-2022-04334	CONSTRAINTS FOR VIDEO CODING AND DECODING
3152	pending	VN	1-2022-03758	Method and apparatus for processing video data and computer-readable medium
3153	pending	MY	PI2021005955	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
3154	pending	US	18/172,484	SIGNALING FOR TRANSFORM SKIP MODE

3155	granted	US	17/737,260	QUANTIZATION PROPERTIES OF ADAPTIVE IN-LOOP COLOR-SPACE TRANSFORM FOR VIDEO CODING
3156	granted	US	17/346,486	CROSS-COMPONENT CODING ORDER DERIVATION
3157	pending	IN	202247022384	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
3158	pending	HK	62022052905.6	VIDEO REGION PARTITION BASED ON COLOR FORMAT
3159	granted	US	16/998,653	BLOCK SIZE RESTRICTIONS FOR DMVR
3160	pending	US	18/474,512	SINGLE-LINE CROSS COMPONENT LINEAR MODEL PREDICTION MODE
3161	pending	US	18/181,886	INTERACTION BETWEEN MERGE LIST CONSTRUCTION AND OTHER TOOLS
3162	pending	CN	202080066291.8	SIZE LIMITATION BASED ON CHROMA IN-FRAME MODE
3163	pending	CN	202080009000.1	EXTENDED APPLICATION OF COMBINATORIAL INTERFRAME INTRAFRAME PREDICTION
3164	pending	US	18/516,447	PREDICTION REFINEMENT FOR AFFINE MERGE AND AFFINE MOTION VECTOR PREDICTION MODE
3165	pending	IN	202227015841	REFERENCE PICTURE RESAMPLING IN VIDEO PROCESSING
3166	granted	TW	108119966	PARTIAL COST CALCULATION
3167	pending	US	17/380,310	MULTI-HMVP FOR AFFINE
3168	pending	MY	PI2021006247	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
3169	pending	JP	2022-138664	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS
3170	pending	RU	2022100447	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
3171	pending	US	18/321,426	QUANTIZATION PROPERTIES OF ADAPTIVE IN-LOOP COLOR-SPACE TRANSFORM FOR VIDEO CODING
3172	pending	CN	202311628312.2	ENTROPY CODING AND DECODING FOR PALETTE ESCAPE SYMBOLS
3173	pending	KR	10-2021-7041457	CHROMA INTRA MODE DERIVATION IN SCREEN CONTENT CODING
3174	granted	US	16/940,877	SIMPLIFIED PARAMETER DERIVATION FOR INTRA PREDICTION
3175	pending	US	17/982,038	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING

3176	granted	RU	2021125663	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3177	pending	IN	202247058853	DEBLOCKING SIGNALING IN VIDEO CODING
3178	pending	CN	201980080083.0	METHOD OF INDICATING THE MAXIMUM NUMBER OF CANDIDATES
3179	pending	US	18/458,661	INTRA BLOCK COPY BUFFER AND PALETTE PREDICTOR UPDATE
3180	pending	US	18/500,495	BLENDING METHOD FOR INTER PREDICTION WITH GEOMETRY PARTITION
3181	pending	IN	202147035128	PARAMETER DERIVATION FOR INTRA PREDICTION
3182	granted	SG	11202108289P	PARAMETER DERIVATION FOR INTRA PREDICTION
3183	pending	JP	2023-100212	SYMMERTRIC MOTION VECTOR DIFFERENCE CODING
3184	pending	EP	20907698.3	PROFILE, TIER AND LAYER INDICATION IN VIDEO CODING
3185	granted	CN	201910718733.1	INTERACTION BETWEEN DIFFERENT DECODER-SIDE MOTION VECTOR DERIVATION MODES
3186	granted	RU	2021118930	CONTEXT-BASED INTRA PREDICTION
3187	granted	US	17/193,425	MULTIPLE-HYPOTHESIS AFFINE MODE
3188	pending	US	17/849,293	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS
3189	pending	KR	10-2022-7003059	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
3190	pending	EP	20854012.0	RESIDUAL CODING FOR TRANSFORM SKIPPED BLOCKS
3191	granted	US	17/126,707	IMPROVED TMVP DERIVATION
3192	pending	CN	202311527959.6	BITSTREAM CONSISTENCY CONSTRAINTS FOR INTRAFRAME BLOCK REPLICATION IN VIDEO CODECS
3193	pending	TH	2101004347	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
3194	pending	RU	2022107201	USING PALETTE PREDICTOR IN VIDEO CODING
3195	pending	US	17/852,025	INTRA VIDEO CODING USING MULTIPLE REFERENCE FILTERS
3196	pending	MX	MX/A/2022/002617	USING PALETTE PREDICTOR IN VIDEO CODING
3197	pending	VN	1-2022-05260	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
3198	granted	US	17/201,896	INTERACTION BETWEEN IBC AND ATMVP
3199	pending	EP	23220549.2	INTERACTION BETWEEN LUT AND AMVP

3200	pending	EP	20795742.4	USE OF SECONDARY TRANSFORM IN CODED VIDEO
3201	pending	EP	23214125.9	4SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
3202	pending	JP	2022-506731	VIDEO REGION PARTITION BASED ON COLOR FORMAT
3203	pending	TH	2101005172	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3204	pending	JP	2022-559412	COEFFICIENTS CODING IN TRANSFORM SKIP MODE
3205	pending	EP	20796393.5	CONTEXT MODELING AND SELECTION OF MULTIPLE TRANSFORM MATRIX
3206	pending	US	17/134,082	DEFINITION OF ZERO UNIT
3207	pending	KR	10-2021-7035465	DEBLOCKING FILTER FOR VIDEO CODING
3208	granted	JP	2021-523358	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
3209	pending	EP	20846718.3	PALETTE MODE CODING IN PREDICTION PROCESS
3210	pending	IN	202127002084	WHICH LUT TO BE UPDATED OR NO UPDATING
3211	pending	JP	2024-000128	SELECTION OF MATRICES FOR REDUCED SECONDARY TRANSFORM IN VIDEO CODING
3212	granted	IN	202147046381	DELTA MOTION VECTOR IN PREDICTION REFINEMENT WITH OPTICAL FLOW PROCESS
3213	pending	CA	3120533	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
3214	granted	CN	202111404972.3	A METHOD, APPARATUS AND COMPUTER READABLE MEDIUM FOR PROCESSING VIDEO DATA
3215	granted	JP	2021-541647	EXTENDED APPLICATION OF COMBINED INTRA-INTER PREDICTION
3216	pending	BR	BR112021008251-4	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
3217	pending	CN	202180044716.X	SIGNALING NOTIFICATION FOR CODING AND DECODING QUANTIZED INFORMATION IN VIDEO
3218	granted	CN	201910584189.6	FILTERING OF ZERO UNITS
3219	pending	CN	202180029873.3	ADAPTIVE COLOR TRANSFORMATION IN VIDEO CODECS
3220	pending	CN	202080065938.5	ADAPTIVE RESOLUTION CHANGE AND SCALABLE CODECS FOR SCREEN CONTENT
3221	granted	US	17/357,093	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3222	pending	KR	10-2021-7022039	BUFFER INITIALIZATION FOR INTRA BLOCK COPY IN VIDEO CODING

3223	pending	SG	11202111000X	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
3224	pending	US	18/518,768	SUBLAYER SIGNALING IN A VIDEO BITSTREAM
3225	granted	CN	202080047877.X	DERIVATION OF CHROMATICITY INTRA-FRAME PATTERNS IN SCREEN CONTENT CODING AND DECODING
3226	pending	MX	MX/A/2021/010499	JOINT CODING OF PALETTE MODE USAGE INDICATION
3227	granted	KR	10-2021-7027092	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3228	pending	SG	11202110939T	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
3229	granted	US	17/719,708	INTERPLAY BETWEEN REFERENCE PICTURE RESAMPLING AND VIDEO CODING TOOLS
3230	pending	ID	P00202109400	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
3231	granted	CN	201910849656.3	CALCULATION OF AFFINE PATTERNS FOR DIFFERENT VIDEO BLOCK SIZES
3232	granted	JP	2021-566967	ADAPTIVE MOTION VECTOR DIFFERENCE RESOLUTION FOR AFFINE MODE
3233	granted	US	17/330,889	MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY (IBC) MODE AND NON-IBC INTER MODE
3234	pending	CN	202180037460.X	REFERENCE PICTURE BETWEEN SIGNALING NOTIFICATION LAYERS IN VIDEO CODECS
3235	pending	CN	202180036537.1	ZOOM WINDOW IN VIDEO CODEC
3236	pending	CN	202180014407.8	SUB-IMAGE INDEXING RESTRICTIONS IN VIDEO BITSTREAMS
3237	pending	BR	BR112022018884-6	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
3238	pending	BR	BR 112022010230-5	SIMPLIFIED INTER PREDICTION WITH GEOMETRIC PARTITIONING
3239	granted	CN	202080035138.9	CODING AND DECODING OF MULTIPLE INTRA-FRAME PREDICTION METHODS
3240	pending	CN	202080042498.1	THE USE OF BLOCK SIZE-DEPENDENT QUADRATIC TRANSFORMS IN CODEC VIDEO
3241	pending	JP	2022-578766	INTER LAYER PREDICTION WITH DIFFERENT CODING BLOCK SIZE
3242	granted	US	17/226,400	USING INTER PREDICTION WITH GEOMETRIC PARTITIONING FOR VIDEO PROCESSING
3243	pending	CN	202080038096.4	PARAMETER DERIVATION OF LINEAR MODEL PATTERNS USING MULTIPLE LINES

3244	pending	EP	20759225.4	PARAMETER DERIVATION FOR INTRA PREDICTION
3245	granted	KR	10-2022-7009729	USE AND SIGNALING OF REFINING VIDEO CODING TOOLS
3246	granted	TW	108124953	SHAPE DEPENDENT INTERPOLATION ORDER
3247	pending	US	18/509,804	BOUNDARY LOCATION FOR ADAPTIVE LOOP FILTERING
3248	granted	TW	108123130	IMPROVEMENT OF INTERWEAVED PREDICTION
3249	granted	US	17/538,947	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION
3250	pending	VN	1-2022-00785	VIDEO REGION PARTITION BASED ON COLOR FORMAT
3251	pending	BR	BR112022013683-8	CONSTRAINTS FOR VIDEO CODING AND DECODING
3252	pending	KR	10-2022-7007458	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
3253	granted	JP	2022-512298	DEBLOCKING FILTERING AT CODING BLOCK OR SUBBLOCK BOUNDARY
3254	granted	US	17/519,310	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
3255	pending	SG	11202107959W	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
3256	granted	US	17/221,617	IMPROVEMENT FOR TEMPORAL GRADIENT CALCULATING IN BIO
3257	pending	CN	202180038208.0	IDENTIFICATION OF INTERFRAME LAYER REFERENCE IMAGES IN CODEC VIDEO
3258	granted	CN	201910498169.7	PARTIAL COSTING
3259	granted	US	17/977,492	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
3260	granted	US	17/338,601	CONTEXT-BASED INTRA PREDICTION
3261	pending	CN	202080091424.7	CROSS-COMPONENT PREDICTION FOR MULTIPARAMETER MODELS
3262	granted	US	17/684,630	CODING MODE DETERMINATION BASED ON COLOR FORMAT
3263	pending	CN	202080090776.0	SIGNALING OF STRIP TYPES IN VIDEO PICTURE HEADERS
3264	pending	KR	10-2021-7000058	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
3265	granted	CN	202080035007.0	CONDITIONAL USE OF SIMPLIFIED QUADRATIC TRANSFORMS FOR VIDEO PROCESSING
3266	pending	AR	20210100214	SIGNALING OF PREDICTION WEIGHTS IN GENERAL CONSTRAINT INFORMATION OF A BITSTREAM

3267	pending	US	18/182,803	SYNTAX SIGNALING IN SUB-BLOCK MERGE MODE
3268	pending	CN	202311532168.2	COLOR COMPONENT-BASED SYNTACTIC SIGNALING NOTIFICATION AND PARSING
3269	pending	US	18/513,134	USING COMBINED INTER INTRA PREDICTION IN VIDEO PROCESSING
3270	pending	CN	202311473526.7	DERIVATION OF CHROMATICITY INTRA-FRAME PATTERNS IN SCREEN CONTENT CODING AND DECODING
3271	granted	TW	108130512	COMBINED HISTORY-BASED MOTION VECTOR PREDICTOR AND MULTI-MOTION MODEL DECODING
3272	granted	US	17/689,664	RECURSIVE SPLITTING OF VIDEO CODING BLOCKS
3273	pending	US	18/525,231	NUMBER RESTRICTION FOR SUBLAYERS
3274	pending	CN	202180023223.8	REFERENCE IMAGE RESAMPLING
3275	granted	CN	201910583425.2	LIMITATIONS ON THE SHARING OF CAMPAIGN INFORMATION
3276	pending	IN	202247054276	ORDER RELATIONSHIP BETWEEN SUBPICTURES
3277	pending	US	18/076,015	SUB-BLOCK BASED USE OF TRANSFORM SKIP MODE
3278	pending	AU	2021283263	SIGNALING OF GENERAL CONSTRAIN INFORMATION
3279	pending	US	18/089,381	SELECTIVE USE OF CODING TOOLS IN VIDEO PROCESSING
3280	pending	JP	2023-176854	BLOCK SIZE RESTRICTIONS FOR DMVR
3281	pending	CN	202180016200.4	IMAGE SEGMENTATION IN VIDEO CODECS
3282	pending	KR	10-2022-7022629	CONSTRAINTS ON VALUE RANGES IN VIDEO BITSTREAMS
3283	pending	CN	202080035724.3	MOTION PREDICTION FROM TIME-DOMAIN BLOCKS VIA REFERENCE PICTURE RESAMPLING
3284	pending	MY	PI2022000188	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
3285	pending	EP	21779673.9	CONSTRAINTS ON COLLOCATED PICTURES IN VIDEO CODING
3286	granted	US	17/405,236	SELECTIVE USE OF CROSS COMPONENT MODE IN VIDEO CODING
3287	pending	EP	20806621.7	BLOCK DIMENSION SETTINGS OF TRANSFORM SKIP MODE
3288	pending	BR	BR 112022003656-6	VIDEO REGION PARTITION BASED ON COLOR FORMAT
3289	pending	US	18/503,785	RESTRICTION OF APPLICABILITY FOR INTRA BLOCK COPY MODE
3290	pending	EP	20856664.6	ALIGNMENT OF PREDICTION WEIGHTS IN VIDEO CODING

3291	granted	CN	201910487910.X	INTERACTION OF INTRAFRAME BLOCK REPLICATION WITH NULL-TIME MOTION VECTOR PREDICTION
3292	granted	CN	201910583443.0	VIDEO PROCESSING METHOD, APPARATUS, AND NON-TRANSITORY COMPUTER-READABLE RECORDING MEDIUM
3293	granted	US	17/894,832	DERIVATION OF THE HEIGHT OF A SUBPICTURE
3294	granted	AU	2020250609	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
3295	pending	JP	2023-002631	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
3296	granted	CN	201911008574.2	MULTIPLE ITERATIONS OF MOTION VECTOR REFINEMENT
3297	pending	JP	2023-077942	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
3298	granted	US	17/554,294	MOTION PRECISION IN SUB-BLOCK BASED INTER PREDICTION
3299	granted	CN	201910790572.7	OVERLAPPING BLOCK MOTION COMPENSATION USING SPATIAL NEIGHBORS
3300	granted	KR	10-2021-7030714	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
3301	pending	BR	BR112022018108-6	USING VIDEO PARAMETER SET IN VIDEO CODING
3302	pending	IN	202127043318	TEMPORAL PREDICTION OF PARAMETERS IN NON-LINEAR ADAPTIVE LOOP FILTER
3303	pending	CN	202080008719.3	BIDIRECTIONAL PREDICTION CONSTRAINTS
3304	pending	KR	10-2023-7039683	MODIFICATION OF MOTION VECTOR WITH ADAPTIVE MOTION VECTOR RESOLUTION
3305	pending	US	17/729,284	CONTEXT FOR CODING AFFINE MODE ADAPTIVE MOTION VECTOR RESOLUTION
3306	pending	KR	10-2022-7028407	USING PICTURE LEVEL SLICE INDEX IN VIDEO CODING
3307	pending	SG	11202253261W	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
3308	granted	TW	108129922	UNEQUAL WEIGHTED SAMPLE AVERAGES FOR BILATERAL FILTER
3309	pending	JP	2022-571346	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
3310	pending	ID	P00202106364	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3311	granted	CN	201910591488.2	MERGE INDEXING CODE

3312	pending	EP	20881603.3	CROSS-COMPONENT ADAPTIVE LOOP FILTER USING LUMA DIFFERENCES
3313	pending	TH	2101006432	CONTEXT CODING FOR TRANSFORM SKIP MODE
3314	pending	CN	202180026814.0	CONSTRAINTS ON ADAPTIVE PARAMETER SETS BASED ON COLOR FORMATS
3315	pending	JP	2022-566448	ENTROPY CODING FOR PARTITION SYNTAX
3316	pending	CN	202080016200.X	HISTORY-BASED AFFINE PATTERN SUBTABLES
3317	granted	US	17/838,522	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
3318	pending	EP	20836430.7	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
3319	pending	CN	202180038858.5	REFERENCE PICTURE LIST SIGNALING NOTIFICATION IN VIDEO CODECS
3320	pending	JP	2022-579067	BOUNDARY LOCATION FOR ADAPTIVE LOOP FILTERING
3321	granted	US	17/484,636	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
3322	granted	US	17/324,432	SIZE SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
3323	pending	CN	202311558909.4	METHOD, APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM FOR PROCESSING VIDEO DATA
3324	pending	SG	11202260430V	SCALING WINDOW IN VIDEO CODING
3325	pending	JP	2023-054241	USE OF SECONDARY TRANSFORM IN CODED VIDEO
3326	pending	EP	20868382.1	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
3327	granted	JP	2021-523116	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS
3328	granted	ZA	2021/05238	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
3329	granted	CN	202080031341.9	SELECTIVE USE OF THE QUADRATIC TRANSFORM IN CODEC VIDEO
3330	pending	CN	202180014736.2	INTERACTION BETWEEN LOOP FILTERING AND VIDEO SLICES
3331	pending	EP	20779943.8	MULTI-PARAMETER ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
3332	pending	IN	202227066168	CONSTRAINTS ON REFERENCE PICTURE INFORMATION
3333	pending	CN	202080038018.4	SYNTAX-BASED DERIVATION OF MOTION CANDIDATES IN THE SUB-BLOCK MERGE PATTERN

3334	pending	KR	10-2022-7043879	TECHNIQUES FOR GENERATION OF A CONFORMANT OUTPUT SUB-BITSTREAM
3335	pending	EP	19740070.8	CHECKING ORDER OF MOTION CANDIDATES IN LUT
3336	granted	TW	108123076	IMPROVED TEMPORAL MOTION VECTOR PREDICTION DERIVATION
3337	granted	CN	201910848728.2	CALCULATE MOTION VECTOR PREDICTIONS
3338	pending	MY	PI2021005770	PARAMETER DERIVATION IN CROSS COMPONENT MODE
3339	granted	US	17/320,008	DATA STORAGE IN BUFFERS FOR INTRA BLOCK COPY IN VIDEO CODING
3340	pending	SG	11202250332A	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
3341	pending	US	18/507,838	LOW FREQUENCY NON-SEPARABLE TRANSFORM SIGNALING IN VIDEO CODING
3342	granted	US	17/392,658	DELTA MOTION VECTOR IN PREDICTION REFINEMENT WITH OPTICAL FLOW PROCESS
3343	pending	US	17/864,011	SIGNALING OF QUANTIZATION PARAMETERS IN VIDEO CODING
3344	granted	US	17/110,052	FLEXIBLE TREE
3345	pending	CN	202080059118.5	RESIDUAL CODING AND DECODING OF BLOCKS SKIPPED BY TRANSFORMS
3346	granted	RU	2021123616	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
3347	granted	JP	2022-505204	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
3348	pending	CN	202080018617.X	SHAPING MODELS IN VIDEO PROCESSING
3349	pending	EP	20906393.2	SUBPICTURE SIGNALING IN PARAMETER SETS
3350	pending	CN	202080020189.4	COMPOSITE TRINOMIAL TREES IN VIDEO CODECS
3351	pending	KR	10-2022-7031065	ORDER RELATIONSHIP BETWEEN SUBPICTURES
3352	granted	US	17/354,984	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
3353	pending	CN	202080012492.X	VIDEO BLOCK SEGMENTATION BASED ON PENTACENE TREE
3354	granted	TW	108129366	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
3355	pending	CN	202180022899.5	CONSTRAINTS ON THE LIST OF REFERENCE IMAGES FOR SUBIMAGES
3356	pending	EP	21756256.0	CODING OF PICTURES CONTAINING SLICES AND TILES
3357	granted	JP	2021-554616	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION

3358	pending	IN	202247004014	BLOCK SIZE DEPENDENT USE OF VIDEO CODING MODE
3359	granted	JP	2022-537686	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
3360	pending	JP	2023-201864	PALETTE MODE CODING IN PREDICTION PROCESS
3361	granted	JP	2021-523288	WEIGHTS IN COMBINED INTER INTRA PREDICTION MODE
3362	pending	JP	2021-523359	POSITION DEPENDENT STORAGE OF MOTION INFORMATION
3363	granted	CN	202080031192.6	USE OF THE QUADRATIC TRANSFORM IN CODEC VIDEO
3364	pending	US	17/939,717	IMPLICIT MULTIPLE TRANSFORM SET SIGNALING IN VIDEO CODING
3365	granted	US	17/011,068	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
3366	pending	CN	202180020623.3	ADAPTIVE PARAMETER SET SIGNALING NOTIFICATION BASED ON COLOR FORMATS
3367	pending	JP	2022-575907	PICTURE HEADER CONSTRAINTS FOR MULTI-LAYER VIDEO CODING
3368	pending	IN	202147049480	CONTEXT CODING FOR MATRIX-BASED INTRA PREDICTION
3369	granted	TW	108119991	SUB-BLOCK DMVR
3370	pending	US	17/652,204	CONTEXT ADAPTIVE CODING OF BLOCK VECTORS
3371	pending	JP	2022-548754	COLLOCATED PICTURE INDICATION IN VIDEO BITSTREAMS
3372	pending	PH	1-2022-550055	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
3373	pending	KR	10-2022-7026835	REFERENCE PICTURE RESAMPLING ACTIVATION IN VIDEO CODING
3374	granted	US	17/717,549	HIGH LEVEL SYNTAX FOR VIDEO CODING TOOLS
3375	granted	JP	2022-503887	CONDITION DEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3376	pending	IN	202227070882	CONSTRAINTS ON NUMBER OF SUBPICTURE IN A VIDEO PICTURE
3377	pending	CN	202080016396.2	DETERMINE THE CONDITIONS FOR CODING AND DECODING SCREEN CONTENT
3378	granted	RU	2021112647	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
3379	pending	US	17/831,074	MERGE WITH MOTION VECTOR DIFFERENCING IN AFFINE MODE
3380	pending	JP	2022-508748	WEIGHTING FACTORS FOR PREDICTION SAMPLE FILTERING IN INTRA MODE

3381	pending	CN	202080012234.1	CONFIGURING LUMINANCE-DEPENDENT CHROMA RESIDUAL SCALING FOR VIDEO CODECS
3382	granted	US	17/400,512	MULTIPLE SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
3383	granted	JP	2022-513853	CODING MODE DETERMINATION BASED ON COLOR FORMAT
3384	pending	JP	2023-122411	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING
3385	granted	TW	108123172	COMPLEXITY REDUCTION OF NON-ADJACENT MERGE DESIGN
3386	pending	JP	2023-090587	SAMPLE DETERMINATION FOR ADAPTIVE LOOP FILTERING
3387	pending	IN	202247017029	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
3388	pending	KR	10-2021-7023357	EXTENDED APPLICATION OF COMBINED INTRA-INTER PREDICTION
3389	granted	US	17/353,612	INTRA BLOCK COPY MODE WITH DUAL TREE PARTITION
3390	pending	EP	23220550.0	CHECKING ORDER OF MOTION CANDIDATES IN LUT
3391	pending	US	18/320,722	HIGH LEVEL CONTROL OF FILTERING IN VIDEO CODING
3392	pending	JP	2023-180325	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
3393	granted	TW	108130501	OVERLAPPED BLOCK MOTION COMPENSATION USING SPATIAL NEIGHBORS
3394	pending	EP	21822244.6	SUB-BITSTREAM EXTRACTION OF MULTI-LAYER VIDEO BITSTREAMS
3395	granted	CN	202080067550.9	SELECTIVE APPLICATION OF SAMPLE-POINT FILLING IN ADAPTIVE LOOP FILTERING
3396	pending	CN	202311617244.X	METHODS FOR REDUCING CROSS-COMPONENT DEPENDENCE
3397	pending	CN	202080013267.8	MULTIPLE SYNTAX ELEMENTS FOR ADAPTIVE MOTION VECTOR RESOLUTION
3398	pending	US	18/154,333	COEFFICIENT SCALING FOR HIGH PRECISION IMAGE AND VIDEO CODING
3399	pending	EP	20782029.1	BIDIRECTIONAL OPTICAL FLOW BASED VIDEO CODING AND DECODING
3400	granted	TW	108119607	INTERACTION BETWEEN IBC AND LAMVR
3401	granted	TW	108127809	MV PRECISION IN BIO
3402	pending	BR	BR112022020449-3	MINIMUM ALLOWED QUANTIZATION FOR TRANSFORM SKIP BLOCKS IN VIDEO CODING

3403	granted	TW	108121834	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
3404	granted	CN	202080006850.6	EARLY DETERMINATION OF HASH-BASED MOTION SEARCH
3405	granted	US	17/238,548	SUB-BLOCK MOTION CANDIDATE LIST IN VIDEO CODING
3406	granted	JP	2021-563150	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
3407	pending	KR	10-2022-7031494	PREDICTION REFINEMENT FOR AFFINE MERGE AND AFFINE MOTION VECTOR PREDICTION MODE
3408	pending	TH	2101005495	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
3409	pending	IN	202247046311	SUBPICTURE SIGNALING IN VIDEO BITSTREAMS
3410	granted	JP	2021-549769	SIZE DEPENDENT INTER CODING
3411	granted	CN	201980075532.2	METHOD, APPARATUS AND NON-TRANSITORY COMPUTER-READABLE MEDIUM FOR VIDEO PROCESSING
3412	pending	US	18/077,803	HANDLING DIFFERENT NAL TYPES IN VIDEO SUB-BITSTREAM EXTRACTION
3413	pending	CN	202311511223.X	RESIDUAL CODING AND DECODING OF BLOCKS SKIPPED BY TRANSFORMS
3414	pending	JP	2022-509093	ENTROPY CODING FOR PALETTE ESCAPE SYMBOL
3415	pending	EP	19744859.0	LUTS WITH INTRA PREDICTION MODES AND INTRA MODE PREDICTION FROM NON-ADJACENT BLOCKS
3416	pending	CN	202180020826.2	RESIDUAL CODING AND DECODING BASED ON TRANSFORM SKIPPING
3417	pending	SG	11202250944Q	CROSS COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODING
3418	pending	US	17/558,161	MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY MODE
3419	pending	MY	PI2021004699	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3420	pending	US	17/950,443	PREDICTION REFINEMENT FOR AFFINE MERGE AND AFFINE MOTION VECTOR PREDICTION MODE
3421	granted	CN	202080018870.5	SIGNALING NOTIFICATION OF SHAPING INFORMATION IN VIDEO PROCESSING
3422	granted	TW	108123164	SYMMETRIC BI-PREDICTION MODE FOR VIDEO CODING
3423	pending	JP	2023-082519	IMPLEMENTATION ASPECTS IN INTRA BLOCK COPY IN VIDEO CODING
3424	granted	US	17/071,590	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING

3425	granted	US	17/356,175	SIGNALING OF COMBINED INTRA-INTER PREDICTION
3426	granted	JP	2022-501042	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
3427	pending	BR	BR112022023385-0	SCALING WINDOW IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
3428	granted	US	17/962,882	DEBLOCKING SIGNALING IN VIDEO CODING
3429	pending	US	18/194,803	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
3430	pending	US	18/510,089	IDENTIFICATION OF INTER-LAYER REFERENCE PICTURES IN CODED VIDEO
3431	granted	JP	2021-543341	BUFFER INITIALIZATION FOR INTRA BLOCK COPY IN VIDEO CODING
3432	granted	US	17/587,875	WEIGHTING FACTORS FOR PREDICTION SAMPLE FILTERING IN INTRA MODE
3433	pending	SG	11202200938R	SIZE RESTRICTION BASED ON COLOR FORMAT
3434	granted	MX	MX/A/2021/011247	NONLINEAR ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
3435	granted	US	17/538,062	SIGNIFICANT COEFFICIENT SIGNALING IN VIDEO CODING
3436	pending	CN	202311798114.0	REFINED QUANTIZATION STEPS IN VIDEO CODECS
3437	granted	JP	2022-500803	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
3438	pending	EP	21807616.4	SUBPICTURE SUB-BITSTREAM EXTRACTION IMPROVEMENTS
3439	granted	CN	202080043792.4	PROCESSING VIDEO CELL BOUNDARIES AND VIRTUAL BOUNDARIES BASED ON COLOR FORMATS
3440	granted	US	17/479,360	MATRIX-BASED INTRA PREDICTION USING UPSAMPLING
3441	pending	SG	11202261026V	CONSTRAINTS ON NUMBER OF SUBPICTURE IN A VIDEO PICTURE
3442	pending	EP	20818775.7	CONDITIONAL SIGNALING OF REDUCED SECONDARY TRANSFORM IN VIDEO BITSTREAMS
3443	pending	IN	202247046914	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO TILES
3444	pending	CN	202311518164.9	INTERACTION BETWEEN SUBPICTURES AND LOOP FILTERING
3445	pending	CN	202080076672.4	CROSS-COMPONENT ADAPTIVE LOOP FILTER USING LUMINANCE DIFFERENCE
3446	pending	SG	11202108207S	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS

3447	pending	US	17/532,491	COMBINED INTRA AND INTRA-BLOCK COPY PREDICTION FOR VIDEO CODING
3448	pending	KR	10-2022-7027814	PARTITION CALCULATION BASED ON SUBPICTURE LEVEL
3449	pending	CN	202310974960.7	ROUNDING IN PAIRWISE AVERAGE CANDIDATE CALCULATION
3450	pending	IN	202127038595	DIRECTION-BASED PREDICTION FOR INTRA BLOCK COPY IN VIDEO CODING
3451	pending	EP	20788567.4	CALCULATION IN MATRIX-BASED INTRA PREDICTION
3452	pending	CN	202180031533.4	CONDITIONAL SIGNALING NOTIFICATION FOR VIDEO CODEC SYNTAX ELEMENTS
3453	pending	EP	20767163.7	RESTRICTIONS ON IN-LOOP FILTERING
3454	pending	EP	21817377.1	SIGNALING OF GENERAL CONSTRAIN INFORMATION
3455	granted	CN	201980078548.9	PARAMETER DERIVATION FOR INTRA-FRAME PREDICTION
3456	pending	US	17/955,719	COEFFICIENTS CODING IN TRANSFORM SKIP MODE
3457	granted	US	16/987,670	CONTEXT-BASED INTRA PREDICTION
3458	pending	EP	19882864.2	ROUNDING IN PAIRWISE AVERAGE CANDIDATE CALCULATIONS
3459	pending	KR	10-2022-7041780	SIGNALING OF GENERAL CONSTRAIN INFORMATION
3460	granted	ZA	2021/07453	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
3461	granted	CN	201911055394.X	QUANTIZATION PARAMETERS UNDER CODING TOOLS FOR DEPENDENT QUANTIZATION
3462	pending	SG	11202105187V	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
3463	pending	VN	1-2022-00834	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
3464	pending	CN	202080086091.9	SAMPLE POINT FILLING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
3465	pending	IN	202227059735	TRANSFORM SKIP RESIDUAL CODING
3466	pending	KR	10-2022-7005307	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
3467	granted	CN	201910637507.0	CROSS-COMPONENT INTRA-FRAME PREDICTION PATTERN EXPORT
3468	pending	US	17/896,532	TRANSFORM SKIP RESIDUAL CODING
3469	pending	CN	202180029354.7	CROSS-COMPONENT CODEC FOR 4:2:0 OR 4:2:2 VIDEO
3470	pending	EP	20787123.7	TRANSFORM CODING BASED ON MATRIX-BASED INTRA PREDICTION

3471	granted	US	17/221,122	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
3472	granted	GB	2100505.3	CLIPPING OF UPDATED MV OR DERIVED MV
3473	pending	US	17/990,065	MULTI- ITERATION MOTION VECTOR REFINEMENT
3474	pending	EP	19885334.3	HISTORY BASED MOTION CANDIDATE LIST CONSTRUCTION FOR INTRA BLOCK COPY
3475	pending	MY	PI2021002424	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
3476	pending	CN	202180009357.4	DE-SQUARE FILTERING USING QUANTIZED PARAMETER INFORMATION
3477	granted	CA	3128769	PARAMETER DERIVATION FOR INTRA PREDICTION
3478	pending	SG	11202252158Y	INTERPLAY BETWEEN IN-LOOP FILTERING AND VIDEO SLICES
3479	granted	CN	202080049796.3	VIRTUAL PREDICTION BUFFER FOR INTRA-FRAME BLOCK REPLICATION IN VIDEO CODECS
3480	pending	KR	10-2021-7025264	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3481	pending	EP	21760247.3	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
3482	granted	TW	108123078	VIRTUAL MERGE CANDIDATES
3483	pending	VN	1-2022-00786	METHOD AND APPARATUS FOR PROCESSING VIDEO DATA, AND COMPUTER-READABLE STORAGE MEDIUM
3484	pending	CN	202180008244.2	USING ADAPTIVE COLOR TRANSFORMS IN VIDEO CODECS
3485	granted	US	17/699,021	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
3486	granted	US	17/957,375	SLICE TYPE IN VIDEO CODING
3487	pending	CN	201980083816.6	MOTION VECTOR BIT DEPTH IN VIDEO PROCESSING
3488	granted	US	17/316,300	GENERALIZED BI DIRECTIONAL PREDICTION MODE IN VIDEO PROCESSING
3489	pending	IN	202127000295	INTERACTION BETWEEN IBC AND ATMVP
3490	granted	TW	108123080	BOUNDARY FILTERING FOR SUB-BLOCK
3491	granted	US	17/582,600	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
3492	granted	CN	201910951151.8	GENERATION AND USE OF COMBINATORIAL AFFINE MERGE CANDIDATES
3493	pending	KR	10-2022-7025852	PALETTE MODE FOR LOCAL DUAL TREE
3494	pending	JP	2023-190715	RESTRICTED UPSAMPLING PROCESS IN MATRIX-BASED INTRA PREDICTION

3495	pending	CN	202180013995.3	JUXTAPOSED REFERENCE INDEX INDICATION IN THE VIDEO BITSTREAM
3496	pending	CA	3135521	PARAMETER DERIVATION IN CROSS COMPONENT MODE
3497	pending	KR	10-2022-7028405	DERIVATION OF THE HEIGHT OF A SUBPICTURE
3498	granted	CN	202080023784.3	DEFAULT INTRA-RING SHAPING PARAMETERS
3499	pending	JP	2023-189121	SIGNALLING OF GENERAL CONSTRAINS FLAG
3500	pending	CN	202311433394.5	PALETTE MODE USES THE INDICATED INDEPENDENT CODECS
3501	pending	CN	202180022907.6	CODING AND DECODING OF PROXIMITY SUBPICTURES
3502	pending	KR	10-2022-7031035	CONSTRAINTS ON REFERENCE PICTURE ORDER
3503	pending	EP	19881016.0	POSITION BASED INTRA PREDICTION
3504	granted	CN	201910637485.8	CROSS-COMPONENT CODING INFORMATION EXPORT
3505	granted	CN	202080028109.X	DERIVATION OF TAILORING PARAMETERS IN ADAPTIVE LOOP FILTERS
3506	pending	SG	11202202576X	USING PALETTE PREDICTOR IN VIDEO CODING
3507	pending	KR	10-2021-7039173	CONDITIONAL SIGNALING OF REDUCED SECONDARY TRANSFORM IN VIDEO BITSTREAMS
3508	granted	JP	2022-550702	DERIVATION OF THE HEIGHT OF A SUBPICTURE
3509	granted	JP	2022-516096	WEIGHTED SAMPLE BI-PREDICTION IN VIDEO CODING
3510	pending	EP	20817785.7	CONDITIONAL IMPLEMENTATION OF MOTION CANDIDATE LIST CONSTRUCTION PROCESS
3511	pending	MX	MX/A/2022/009669	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
3512	pending	CN	202080060046.6	INITIALIZING THE HISTORY-BASED MOTION VECTOR PREDICTOR TABLE
3513	pending	KR	10-2021-7038805	MOTION CANDIDATE LIST WITH GEOMETRIC PARTITION MODE CODING
3514	granted	US	17/512,488	SINGLE-LINE CROSS COMPONENT LINEAR MODEL PREDICTION MODE
3515	granted	US	17/102,219	COEFFICIENT DEPENDENT CODING OF TRANSFORM MATRIX SELECTION
3516	pending	CN	202080064297.1	PALETTE INITIALIZATION FOR WAVEFRONT PARALLEL PROCESSING
3517	granted	JP	2021-559967	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE

3518	pending	KR	10-2022-7028563	CONSTRAINS FOR HIGH LEVEL SYNTAX ELEMENTS
3519	pending	CN	202080090659.4	INDICATION OF GEARS, LAYERS AND TIERS IN VIDEO CODECS
3520	pending	TH	2201000289	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
3521	pending	US	18/516,493	USE OF HEADER SYNTAX ELEMENTS AND ADAPTATION PARAMETER SET
3522	pending	IN	202227049198	INTERPLAY BETWEEN PICTURE HEADER AND SLICE HEADER OF A VIDEO BITSTREAM
3523	pending	KR	10-2023-7045411	SIMPLIFICATION OF COMBINED INTER-INTRA PREDICTION
3524	granted	GB	2020676.9	CROSS-COMPONENT CODING ORDER DERIVATION
3525	pending	IN	202127018882	SIDE INFORMATION SIGNALING FOR INTER PREDICTION WITH GEOMETRIC PARTITIONING
3526	pending	JP	2023-121183	RESTRICTIONS OF USAGE OF TOOLS ACCORDING TO REFERENCE PICTURE TYPES
3527	pending	US	18/360,608	PREDICTION TYPE SIGNALING IN VIDEO CODING
3528	granted	US	17/946,647	PICTURE OUTPUT FLAG INDICATION IN VIDEO CODING
3529	pending	CN	202180012659.7	CROSS-COMPONENT ADAPTIVE LOOP FILTER
3530	pending	KR	10-2022-7001906	RESTRICTIONS OF USAGE OF TOOLS ACCORDING TO REFERENCE PICTURE TYPES
3531	pending	IN	202247066149	INDICATION OF END OF SEQUENCE IN CODED VIDEO
3532	pending	IN	202147046022	APPLICABILITY OF PREDICTION REFINEMENT WITH OPTICAL FLOW PROCESS
3533	granted	CN	201980076252.3	CODECS AND DECODING OF VIDEO CODEC MODES
3534	pending	IN	202247047758	CODING OF PICTURES CONTAINING SLICES AND TILES
3535	pending	JP	2022-563091	SYNTAX FOR SIGNALING CROSS-COMPONENT VIDEO CODING
3536	pending	SG	11202252606N	CONDITIONAL SIGNALLING OF SYNTAX ELEMENTS IN A PICTURE HEADER
3537	pending	BR	BR112022021853-2	FILTER PARAMETER SIGNALING IN VIDEO PICTURE HEADERS
3538	pending	IN	202147052371	RESTRICTED UPSAMPLING PROCESS IN MATRIX-BASED INTRA PREDICTION

3539	pending	EP	21808542.1	TECHNIQUES FOR GENERATION OF A CONFORMANT OUTPUT SUB-BITSTREAM
3540	granted	CN	202080028662.3	MOTION VECTOR AND PREDICTION SAMPLE POINT REFINEMENT
3541	pending	CN	202180032708.3	ENTROPY CODING AND DECODING FOR MOTION ACCURACY GRAMMAR
3542	pending	EP	23210304.4	PARTIAL COST CALCULATION
3543	pending	ID	P00202108361	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
3544	pending	CN	201911032640.X	REDUNDANCY REDUCTION IN BLOCK PARTITIONING
3545	pending	IN	202227053010	DECODED PICTURE BUFFER MEMORY ALLOCATION AND PICTURE OUTPUT IN SCALABLE VIDEO CODING
3546	pending	TW	108134477	CHROMA MODE INTRA CODING
3547	pending	MY	PI2021005976	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
3548	pending	EP	21757437.5	SIGNALING OF PREDICTION WEIGHTS IN GENERAL CONSTRAINT INFORMATION OF A BITSTREAM
3549	pending	CN	202180023979.2	PREDICTION REFINEMENT OF AFFINE MERGE AND AFFINE MOTION VECTOR PREDICTION MODELS
3550	pending	JP	2023-075959	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3551	granted	JP	2022-550701	USING PICTURE LEVEL SLICE INDEX IN VIDEO CODING
3552	granted	JP	2021-564971	MULTIPLE SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
3553	pending	US	17/950,037	USING NEIGHBORING SAMPLES IN CROSS-COMPONENT VIDEO CODING
3554	pending	BR	BR112022002493-2	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
3555	granted	CN	202080029942.6	METHOD, APPARATUS AND MEDIUM FOR TRANSFORMING COEFFICIENT CODECS IN SKIP MODE
3556	pending	EP	20795818.2	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
3557	pending	EP	20737921.5	INVOKE OF LUT UPDATING
3558	pending	MY	PI2021004349	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
3559	pending	KR	10-2021-7038233	RESTRICTIONS ON MOTION VECTOR DIFFERENCE
3560	granted	JP	2021-562015	SIGNALING OF SYNTAX ELEMENTS FOR JOINT CODING OF CHROMINANCE RESIDUALS

3561	pending	EP	20847406.4	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
3562	pending	BR	BR112022023536-4	ORDERING OF NAL UNITS IN CODED VIDEO
3563	granted	US	17/400,464	CONTEXT MODELING OF REDUCED SECONDARY TRANSFORMS IN VIDEO
3564	pending	EP	23220522.9	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
3565	pending	CN	202080012239.4	RESTRICTIONS ON LOOP SHAPING
3566	pending	CN	202311469215.3	CLASSIFICATION IN ADAPTIVE LOOP FILTERING
3567	granted	CN	201980084512.1	MOTION VECTOR ACCURACY IN MERGE MODE WITH MOTION VECTOR DIFFERENCE
3568	pending	SG	11202202573W	QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING
3569	granted	HK	62022053408.0	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX BASED INTRA PREDICTION
3570	pending	CN	201980076059.X	A COORDINATED APPROACH TO INTER-FRAME PREDICTION BASED ON SUB-BLOCKS
3571	pending	CN	202180031476.X	VIRTUAL BOUNDARIES IN VIDEO CODECS
3572	granted	US	17/973,810	CONDITIONAL SIGNALING OF VIDEO CODING SYNTAX ELEMENTS
3573	pending	KR	10-2022-7031032	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
3574	pending	CN	202180014357.3	USE OF GENERIC CONSTRAINT FLAGS IN VIDEO BITSTREAMS
3575	pending	US	18/486,641	INTERACTION BETWEEN INTRA BLOCK COPY MODE AND INTER PREDICTION TOOLS
3576	granted	CN	201980004130.3	BLOCK SIZE DEPENDENT STORAGE OF MOTION INFORMATION
3577	granted	US	17/523,232	GRADIENT CALCULATION IN DIFFERENT MOTION VECTOR REFINEMENTS
3578	pending	KR	10-2021-7034555	CODING MODE BASED ON A CODING TREE STRUCTURE TYPE
3579	granted	CN	202080030199.6	SIGNALING OF CHROMINANCE AND LUMINANCE SYNTAX ELEMENTS IN VIDEO CODECS
3580	pending	EP	20758451.7	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3581	pending	IN	202127043994	SYMMERTRIC MOTION VECTOR DIFFERENCE CODING
3582	pending	CN	202311439997.6	ORIENTATION-BASED PREDICTION FOR INTRA-FRAME BLOCK REPLICATION IN VIDEO CODECS

3583	pending	US	17/825,998	DICTIONARY BASED CODING OF VIDEO DATA
3584	granted	MX	MX/A/2021/004677	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
3585	granted	US	17/962,141	SIGNALING FOR INTER PREDICTION IN HIGH LEVEL SYNTAX
3586	granted	CN	201980004148.3	MULTIPLE MERGE LISTS AND SEQUENCES FOR INTER-FRAME PREDICTION USING GEOMETRIC SEGMENTATION
3587	granted	CN	201980085400.8	INDICATION OF A TWO-STEP CROSS-COMPONENT PREDICTION MODEL
3588	pending	MY	PI2022001194	VIDEO REGION PARTITION BASED ON COLOR FORMAT
3589	pending	CN	202080085422.7	QUANTIZATION GROUPS USED IN VIDEO CODECS
3590	pending	KR	10-2021-7015768	CONTEXT-BASED INTRA PREDICTION
3591	pending	IN	202247012893	RECURSIVE SPLITTING OF VIDEO CODING BLOCKS
3592	granted	CN	202080041806.9	INTERACTION BETWEEN MOTION VECTOR REFINEMENT AND OTHER CODEC TOOLS
3593	pending	CN	202311821092.5	APPARATUS, METHOD AND COMPUTER-READABLE RECORDING MEDIUM FOR DIGITAL VIDEO CODING AND DECODING
3594	pending	PH	1-2021-552105	JOINT CODING OF PALETTE MODE USAGE INDICATION
3595	pending	CN	202310931542.X	METHOD, APPARATUS, MEDIUM, AND BITSTREAM STORAGE METHOD FOR PROCESSING VIDEO DATA
3596	pending	ID	P00202106928	JOINT CODING OF PALETTE MODE USAGE INDICATION
3597	pending	SG	11202013028P	INTERACTION BETWEEN LUT AND AMVP
3598	pending	US	18/156,040	CONSTRUCTION METHOD FOR A SPATIAL MOTION CANDIDATE LIST
3599	granted	AU	2020321002	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
3600	pending	JP	2023-063135	SIZE SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
3601	granted	US	17/578,703	QUANTIZATION PROCESS FOR PALETTE MODE
3602	pending	VN	1-2022-01471	VIDEO REGION PARTITION BASED ON COLOR FORMAT
3603	granted	CN	201910591891.5	CONDITIONS OF USE FOR LOOKUP TABLES
3604	granted	CN	201980074019.1	MULTIPLE HYPOTHESES FOR SUB-BLOCK PREDICTION BLOCKS
3605	pending	US	17/831,958	MOTION VECTOR DERIVATION BETWEEN COLOR COMPONENTS

3606	pending	US	18/498,652	CROSS COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODING
3607	pending	CN	202180015818.9	SIGNALING NOTIFICATION OF WEIGHTS FOR REFERENCE PICTURE LISTS
3608	pending	CN	202080008152.X	SIZE-DEPENDENT LINEAR MODELING ACROSS COMPONENTS
3609	pending	KR	10-2021-7029590	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
3610	pending	EP	23213601.0	Side Information Signaling for Inter Prediction with Geometric Partitioning
3611	pending	EP	20791885.5	ON ADAPTIVE LOOP FILTERING FOR VIDEO CODING
3612	granted	CN	201910774518.3	UNEQUALLY WEIGHTED SAMPLE POINT AVERAGING FOR BILATERAL FILTERS
3613	granted	JP	2021-551505	IMPLEMENTATION ASPECTS IN INTRA BLOCK COPY IN VIDEO CODING
3614	granted	US	17/557,454	SIZE SELECTIVE APPLICATION OF DECODER SIDE REFINING TOOLS
3615	pending	CN	202311412324.1	SIZE-DEPENDENT DOWNSAMPLING IN CROSS-COMPONENT LINEAR MODELS
3616	granted	JP	2022-510897	RESIDUAL CODING FOR TRANSFORM SKIPPED BLOCKS
3617	pending	JP	2021-547179	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
3618	pending	CN	202311555521.9	SIGNALING NOTIFICATION FOR CHANGEOVER SKIP MODE
3619	pending	CN	202311522941.7	METHOD, APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM FOR PROCESSING VIDEO DATA
3620	pending	CN	202210787197.2	MULTI-PARAMETER ADAPTIVE LOOP FILTERING IN VIDEO PROCESSING
3621	granted	US	17/587,768	POSITION-DEPENDENT INTRA PREDICTION SAMPLE FILTERING
3622	pending	JP	2023-085853	RESTRICTIONS ON IN-LOOP FILTERING
3623	pending	KR	10-2021-7026799	DIRECTION-BASED PREDICTION FOR INTRA BLOCK COPY IN VIDEO CODING
3624	granted	CN	201980083978.X	INTRA-FRAME PREDICTION USING POLYNOMIAL MODELS
3625	pending	VN	1-2022-02787	Method and apparatus for processing video data and computer-readable recording medium
3626	granted	TW	108125901	MOTION PREDICTION BASED ON UPDATED MOTION VECTORS
3627	granted	JP	2021-523112	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS

3628	pending	AU	2020224256	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3629	granted	US	16/796,693	CONCEPT OF USING ONE OR MULTIPLE LOOK UP TABLES TO STORE MOTION INFORMATION OF PREVIOUSLY CODED IN ORDER AND USE THEM TO CODE FOLLOWING BLOCKS
3630	granted	US	17/173,601	OVERLAPPED BLOCK MOTION COMPENSATION USING TEMPORAL NEIGHBORS
3631	pending	CN	202311243587.4	CODECS RELATED TO THE CONDITIONS INDICATED BY THE USE OF THE PALETTE MODE
3632	pending	EP	20798575.5	CODING MODE BASED ON A CODING TREE STRUCTURE TYPE
3633	granted	CN	202080028043.4	INTERACTION BETWEEN MATRIX-BASED INTRA-FRAME PREDICTION AND OTHER CODING TOOLS
3634	granted	US	17/546,621	SYNTAX ELEMENT FOR CHROMA RESIDUAL SCALING
3635	pending	CN	202311508014.X	SIGNIFICANT FACTOR SIGNALING IN VIDEO CODECS
3636	granted	CN	202080066485.8	FILLING PROCESS IN ADAPTIVE LOOP FILTERING
3637	pending	KR	10-2022-7044953	SIGNALLING OF GENERAL CONSTRAINS FLAG
3638	pending	VN	1-2022-00095	VIRTUAL PREDICTION BUFFER FOR INTRA BLOCK COPY IN VIDEO CODING
3639	granted	US	17/879,956	CROSS-COMPONENT ADAPTIVE LOOP FILTER
3640	pending	EP	20852929.7	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
3641	pending	US	18/523,025	REFERENCE PICTURE RESAMPLING
3642	granted	CN	201910591977.8	THE CONCEPT OF USING ONE OR MORE LOOKUP TABLES TO SEQUENTIALLY STORE PREVIOUSLY ENCODED MOTION INFORMATION AND USE IT TO ENCODE LATER BLOCKS
3643	pending	IN	202247004099	USAGE OF DEFAULT AND USER-DEFINED SCALING MATRICES
3644	pending	BR	BR112021022307-0	BLOCK DIMENSION SETTINGS OF TRANSFORM SKIP MODE
3645	granted	US	17/392,719	GRADIENT CALCULATION IN DIFFERENT MOTION VECTOR REFINEMENTS
3646	pending	KR	10-2022-7020857	SYNTAX FOR SIGNALING VIDEO SUBPICTURES
3647	pending	JP	2022-570210	NUMBER RESTRICTION FOR SUBLAYERS

3648	granted	US	17/319,961	USAGE FOR HISTORY-BASED AFFINE PARAMETERS
3649	pending	KR	10-2022-7013598	CROSS-COMPONENT ADAPTIVE LOOP FILTER USING LUMA DIFFERENCES
3650	pending	KR	10-2023-7044469	SYNTAX REUSE FOR AFFINE MODE WITH ADAPTIVE MOTION VECTOR RESOLUTION
3651	granted	US	17/711,294	SYNTAX FOR SUBPICTURE SIGNALING IN A VIDEO BITSTREAM
3652	pending	JP	2023-130792	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
3653	pending	KR	10-2023-7045265	CHECKING ORDER OF MOTION CANDIDATES IN LUT
3654	pending	AU	2022268297	PARAMETER DERIVATION FOR INTRA PREDICTION
3655	pending	EP	21821747.9	CONSTRAINTS OF SLICE COUNT IN A CODED VIDEO PICTURE
3656	pending	IN	202247067002	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
3657	pending	IN	202227056194	HIGH LEVEL CONTROL OF FILTERING IN VIDEO CODING
3658	granted	US	17/957,387	CONFORMANCE WINDOW PARAMETERS IN VIDEO CODING
3659	pending	EP	23213291.0	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
3660	pending	JP	2022-557167	PREDICTION REFINEMENT FOR AFFINE MERGE AND AFFINE MOTION VECTOR PREDICTION MODE
3661	granted	CN	201910951478.5	SIZE LIMITATION BASED ON MOTION INFORMATION
3662	granted	US	17/852,934	ADAPTIVE COLOR TRANSFORM IN VIDEO CODING
3663	pending	JP	2023-185843	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING
3664	pending	IN	202127047120	CONTEXT MODELING AND SELECTION OF MULTIPLE TRANSFORM MATRIX
3665	granted	US	17/090,414	RESTRICTION OF EXTEND QUADTREE
3666	pending	IN	202247053489	CONSTRAINTS ON REFERENCE PICTURE LISTS ENTRIES
3667	granted	CN	202080053763.6	SIZE LIMITATIONS OF THE VIRTUAL BUFFER FOR IN-FRAME BLOCK COPYING
3668	pending	KR	10-2022-7034984	DEBLOCKING SIGNALING IN VIDEO CODING
3669	pending	US	18/508,853	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS
3670	granted	US	17/696,654	SCALING PROCESS FOR CODING BLOCK

3671	pending	MY	PI2022000620	SIZE RESTRICTION BASED ON COLOR FORMAT
3672	granted	US	17/210,797	SIMPLIFIED HISTORY BASED MOTION VECTOR PREDICTION
3673	pending	US	17/892,866	INDICATION OF TILES IN A VIDEO PICTURE
3674	granted	CN	201910637388.9	SHAPE-DEPENDENT INTERPOLATION ORDER
3675	pending	KR	10-2022-7031492	REFERENCE PICTURE RESAMPLING
3676	granted	US	17/005,634	NUMBER OF MOTION CANDIDATES IN A LOOK UP TABLE TO BE CHECKED ACCORDING TO MODE
3677	pending	CN	202080049101.1	STORAGE OF MOTION INFORMATION IN A HISTORY-BASED MOTION VECTOR PREDICTION TABLE
3678	pending	AR	20210100171	INTERPLAY BETWEEN PICTURE HEADER AND SLICE HEADER OF A VIDEO BITSTREAM
3679	granted	CN	202080010803.9	REFINED QUANTIZATION STEPS IN VIDEO CODECS
3680	pending	CN	202080008723.X	INTEGER MV MOTION COMPENSATION
3681	pending	IN	202127032989	BUFFER INITIALIZATION FOR INTRA BLOCK COPY IN VIDEO CODING
3682	pending	US	18/510,127	PRESENCE OF ADAPTATION PARAMETER SET UNITS
3683	pending	CN	202180021965.7	STEP-BY-STEP DECODING REFRESH ACCESS UNIT IN SCALABLE VIDEO CODECS
3684	pending	EP	20822936.9	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES
3685	pending	EP	20798918.7	SYMMERTRIC MOTION VECTOR DIFFERENCE CODING
3686	pending	BR	BR112021016689-0	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3687	granted	JP	2022-550703	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
3688	pending	IN	202247013799	DERIVATION OF COLLOCATED MOTION VECTORS
3689	pending	EP	20866732.9	TWO-PART SIGNALING OF ADAPTIVE LOOP FILTERS IN VIDEO CODING
3690	pending	BR	BR 112022017353-9	HIGH LEVEL BITSTREAM SYNTAX FOR QUANTIZATION PARAMETERS
3691	pending	JP	2022-195878	WHICH LUT TO BE UPDATED OR NO UPDATING
3692	granted	ZA	2021/07450	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
3693	pending	US	17/994,864	REFERENCE PICTURE LIST SIGNALING IN VIDEO CODING

3694	pending	JP	2023-090586	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
3695	pending	SG	11202253374Q	COMBINATION OF SUBPICTURES AND SCALABILITY
3696	pending	CN	202080042280.6	HISTORY-BASED MOTION VECTOR PREDICTION WITH DEFAULT PARAMETERS
3697	granted	US	17/086,935	RESTRICTIONS ON DECODER SIDE MOTION VECTOR DERIVATION
3698	granted	KR	10-2021-7000057	PARTIAL COST CALCULATION
3699	pending	KR	10-2022-7044345	SCALING WINDOW IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
3700	pending	JP	2022-549959	SIGNALING OF SLICE AND TILE PICTURE PARTITIONS
3701	pending	HK	62022052907.2	DETERMINATION OF PICTURE PARTITION MODE BASED ON BLOCK SIZE
3702	granted	CN	201980068525.X	JUXTAPOSITION BETWEEN LOCAL ILLUMINATION COMPENSATION AND INTER-FRAME PREDICTION CODECS
3703	pending	KR	10-2022-7044361	SUBPICTURE SUB-BITSTREAM EXTRACTION IMPROVEMENTS
3704	pending	TW	108132497	AFFINE MODE IN VIDEO CODING AND DECODING
3705	granted	US	17/128,965	IMPROVED BORDER PARTITION
3706	pending	IN	202227048235	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
3707	granted	US	17/376,036	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
3708	pending	CN	202211462838.3	PARAMETER DERIVATION FOR INTERFRAME PREDICTION
3709	granted	US	18/073,191	MATRIX-BASED INTRA PREDICTION USING UPSAMPLING
3710	pending	MY	PI2022000773	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
3711	pending	EP	20851995.9	WEIGHTING FACTORS FOR PREDICTION SAMPLE FILTERING IN INTRA MODE
3712	pending	US	18/516,507	INTERACTION BETWEEN SUBPICTURE AND TILE ROW SIGNALING
3713	granted	CN	202080040171.0	MATRIX-BASED UP-SAMPLING OF RESTRICTIONS IN INTRA-FRAME PREDICTION
3714	pending	JP	2023-077938	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
3715	pending	EP	21822306.3	VIDEO PARAMETER SET CONSTRAINTS FOR SUBPICTURE SUB-BITSTREAM EXTRACTION
3716	pending	CN	202080055811.5	SIZE LIMITATIONS BASED ON COLOR FORMATTING

3717	pending	CN	202180022889.1	SEQUENTIAL RELATIONSHIPS BETWEEN SUBPICTURES
3718	pending	EP	23213541.8	MOTION VECTOR PRECISION IN MERGE
3719	pending	EP	20847404.9	BLOCK SIZE DEPENDENT USE OF VIDEO CODING MODE
3720	pending	CN	202311595267.5	ADAPTIVE LOOP FILTERING BETWEEN DIFFERENT VIDEO UNITS
3721	granted	GB	2018867.8	COMPONENT-DEPENDENT SUB-BLOCK DIVIDING
3722	pending	US	17/994,856	INDICATION OF MULTIPLE TRANSFORM MATRICES IN CODED VIDEO
3723	granted	GB	2020091.1	CHECKING ORDER OF MOTION CANDIDATES IN LUT
3724	pending	US	17/398,800	CONDITION DEPENDENT VIDEO BLOCK PARTITION
3725	granted	US	17/856,601	SAMPLE DETERMINATION FOR ADAPTIVE LOOP FILTERING
3726	granted	GB	2018263.0	NUMBER OF MOTION CANDIDATES IN A LOOK UP TABLE TO BE CHECKED ACCORDING TO MODE
3727	pending	CN	202311511035.7	CONTEXT MODELING FOR RESIDUAL CODING AND DECODING
3728	pending	IN	202147044962	INTERACTION BETWEEN MATRIX-BASED INTRA PREDICTION AND OTHER CODING TOOLS
3729	pending	IN	202147055472	PALETTE MODE WITH INTRA BLOCK COPY PREDICTION
3730	pending	EP	20866342.7	SCALING WINDOW IN VIDEO CODING
3731	pending	CA	3135973	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
3732	granted	JP	2021-522973	SIMPLIFICATION OF COMBINED INTER-INTRA PREDICTION
3733	pending	JP	2023-105749	CLIPPING IN REFERENCE PICTURE RESAMPLING
3734	pending	KR	10-2022-7026011	DEBLOCKING PARAMETERS FOR CHROMA COMPONENT
3735	granted	CN	202080028661.9	SELECTIVE USE IN CROSS-COMPONENT MODES IN VIDEO CODECS
3736	pending	MX	MX/A/2022/011361	INTRA RANDOM ACCESS POINTS FOR PICTURE CODING
3737	granted	RU	2021130468	CONSTRAINTS ON QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
3738	pending	EP	21788895.7	CODING OF INSTANTANEOUS DECODING REFRESH SUBPICTURES
3739	pending	BR	BR112021007863-0	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE

3740	granted	JP	2021-568847	CODING OF BLOCK VECTORS FOR INTRA BLOCK COPY-CODED BLOCKS
3741	pending	ID	P00202108306	MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION
3742	granted	TW	108123185	PARTIAL/FULL PRUNING WHEN ADDING A HMVP CANDIDATE TO MERGE/AMVP
3743	granted	JP	2022-556154	CODING OF NEIGHBORING SUBPICTURES
3744	pending	IN	202227002748	RESTRICTIONS OF USAGE OF TOOLS ACCORDING TO REFERENCE PICTURE TYPES
3745	pending	US	17/372,968	AFFINE BASED MERGE WITH MVD
3746	pending	CA	3148207	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
3747	pending	CN	202311518214.3	IMPROVED WEIGHTING PROCESS FOR COMBINING INTER-FRAME INTRA-FRAME PREDICTIONS
3748	pending	US	17/700,086	INTERACTION BETWEEN PAIRWISE AVERAGE MERGING CANDIDATES AND IBC
3749	pending	AU	2020257009	CHORMA CODING MODE DETERMINATION BASED ON MATRIX-BASED INTRA PREDICTION
3750	granted	US	17/087,033	SUB-BLOCK BASED DECODER SIDE MOTION VECTOR DERIVATION
3751	pending	EP	20770821.5	SIGNALING OF RESHAPING INFORMATION IN VIDEO PROCESSING
3752	granted	TW	108130924	REDUNDANCY REMOVAL OF PARTITIONING METHODS
3753	granted	JP	2021-523111	UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO
3754	pending	KR	10-2022-7036103	USE RESTRICTIONS FOR CROSS-COMPONENT PREDICTION
3755	pending	BR	BR112022011719-1	TECHNIQUES FOR IMPLEMENTING A DECODING ORDER WITHIN A CODED PICTURE
3756	granted	CN	202080013771.8	SIZE-SELECTIVE APPLICATION OF DECODER-SIDE REFINEMENT TOOLS
3757	pending	IN	202247071762	END OF SEQUENCE INDICATION IN CODED VIDEO
3758	granted	IN	202127019748	INTERPOLATION FOR INTER PREDICTION WITH REFINEMENT
3759	granted	JP	2021-514371	MODIFICATION OF MOTION VECTOR WITH ADAPTIVE MOTION VECTOR RESOLUTION
3760	granted	IN	202247007045	SUBPICTURE SIZE DEFINITION IN VIDEO PROCESSING
3761	granted	RU	2022107394	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE

3762	granted	JP	2021-542565	CONFIGURING LUMA-DEPENDENT CHROMA RESIDUE SCALING FOR VIDEO CODING
3763	granted	US	17/714,480	SIGNALING AND SYNTAX FOR IN-LOOP RESHAPING INFORMATION
3764	pending	IN	202127047963	INTRA CODED VIDEO USING QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION CODING
3765	pending	CN	202311722464.9	SET OF GEAR-LAYER-LEVEL PARAMETERS IN VIDEO CODECS
3766	pending	CN	201910899798.0	MOTION VECTOR PLANE MODE AT BLOCK LEVEL
3767	pending	CN	202080059745.9	CLIPPING IN REFERENCE IMAGE RESAMPLING
3768	granted	JP	2022-516000	CHROMA QUANTIZATION PARAMETER IN VIDEO CODING
3769	pending	CN	202180015883.1	SIGNALING NOTIFICATION OF PREDICTION WEIGHTS IN GENERIC CONSTRAINT INFORMATION FOR BITSTREAMS
3770	pending	US	18/505,400	SIGNALING OF SLICE TYPE AND VIDEO LAYERS
3771	pending	PH	1-2021-551828	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
3772	granted	US	17/374,160	INTERACTION BETWEEN LUT AND SHARED MERGE LIST
3773	pending	CN	202080064296.7	USING PALETTE PREDICTORS IN VIDEO CODECS
3774	pending	IN	202227025608	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING
3775	granted	CN	201910867326.7	VIDEO PROCESSING METHOD AND APPARATUS
3776	pending	CN	202311227623.8	FILLING PROCESS IN ADAPTIVE LOOP FILTERING
3777	granted	KR	10-2021-7023159	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
3778	pending	JP	2022-575464	CONSTRAINTS ON NUMBER OF SUBPICTURE IN A VIDEO PICTURE
3779	granted	CN	202080072432.7	METHOD, APPARATUS AND MEDIUM FOR USING A CHROMATICITY QUANTIZATION PARAMETER IN VIDEO CODECS
3780	pending	EP	20882345.0	CROSS-COMPONENT ADAPTIVE LOOP FILTER
3781	pending	KR	10-2021-7043335	BITSTREAM CONFORMANCE CONSTRAINTS FOR INTRA BLOCK COPY IN VIDEO CODING
3782	pending	US	17/398,857	VIDEO BLOCK PARTITION BASED ON QUINARY-TREE

3783	pending	US	17/652,184	CODED REPRESENTATION OF HISTORY-BASED MOTION VECTOR PREDICTION TABLES
3784	pending	US	17/857,924	USE OF OFFSETS WITH ADAPTIVE COLOUR TRANSFORM CODING TOOL
3785	pending	CN	202080009387.0	MOTION CANDIDATE DERIVATION
3786	pending	JP	2023-204671	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODING
3787	pending	PH	1-2021-551777	BUFFER MANAGEMENT FOR INTRA BLOCK COPY IN VIDEO CODING
3788	pending	JP	2023-102463	SIGNALING OF SYNTAX ELEMENTS FOR JOINT CODING OF CHROMINANCE RESIDUALS
3789	pending	CN	202311518632.2	FILLING PROCESS AT UNAVAILABLE SAMPLE POINT LOCATIONS IN ADAPTIVE LOOP FILTERING
3790	granted	US	17/362,341	DIRECTION-BASED PREDICTION FOR INTRA BLOCK COPY IN VIDEO CODING
3791	pending	CN	202311524935.5	PALETTE PATTERNS FOR LOCALIZED DOUBLE TREES
3792	pending	JP	2021-565705	INTERACTIONS AMONG MULTIPLE INTRA CODING METHODS
3793	pending	JP	2023-194612	BOUNDARY LOCATION FOR ADAPTIVE LOOP FILTERING
3794	pending	ID	P00202106372	PARAMETER DERIVATION FOR INTRA PREDICTION
3795	pending	EP	20788667.2	INTERACTION BETWEEN MATRIX-BASED INTRA PREDICTION AND OTHER CODING TOOLS
3796	granted	US	17/494,934	SIGNALING IN TRANSFORM SKIP MODE
3797	pending	CN	202311518864.8	DIFFERENCE CALCULATION BASED ON PARTIAL POSITION
3798	granted	TW	108119598	INTERACTION BETWEEN PAIRWISE AVERAGE MERGING CANDIDATES AND IBC
3799	granted	CN	202080038019.9	USE TRANSFORM SKIP MODE BASED ON SUB-BLOCKS
3800	granted	ZA	2022/00537	SAMPLE PADDING IN ADAPTIVE LOOP FILTERING
3801	pending	SG	11202253187X	USING VIDEO PARAMETER SET IN VIDEO CODING
3802	pending	KR	10-2022-7005206	CLIPPING IN REFERENCE PICTURE RESAMPLING
3803	pending	CN	202210602506.4	CHECKING ORDER OF MOTION CANDIDATES IN LUTS
3804	pending	IN	202227059566	USE RESTRICTIONS FOR CROSS-COMPONENT PREDICTION

3805	pending	SG	11202253603A	COEFFICIENTS CODING IN TRANSFORM SKIP MODE
3806	pending	KR	10-2021-7022038	DATA STORAGE IN BUFFERS FOR INTRA BLOCK COPY IN VIDEO CODING
3807	pending	SG	11202260494Q	SCALING WINDOW IN SUBPICTURE SUB-BITSTREAM EXTRACTION PROCESS
3808	granted	US	17/246,794	MULTI-PARAMETERS BASED INTRA PREDICTION
3809	pending	KR	10-2022-7003028	SIZE RESTRICTION BASED ON COLOR FORMAT
3810	pending	KR	10-2023-7039589	PARTIAL COST CALCULATION
3811	pending	US	18/452,736	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
3812	granted	CN	202080035935.7	CONTEXT MODELING FOR RESIDUAL CODING AND DECODING
3813	pending	KR	10-2021-7030930	CONTEXT CODING FOR TRANSFORM SKIP MODE
3814	pending	IN	202247013804	USING PALETTE PREDICTOR IN VIDEO CODING
3815	pending	US	18/151,842	SIZE RESTRICTION BASED FOR CHROMA INTRA MODE
3816	pending	KR	10-2022-7031066	CONSTRAINTS ON REFERENCE PICTURE LISTS FOR SUBPICTURES
3817	granted	CN	202080012071.7	BUFFER ACCESS METHODS FOR INTRA-FRAME BLOCK COPYING IN VIDEO CODECS
3818	pending	CN	202180042176.1	PICTURE HEADER CONSTRAINTS FOR MULTILAYER VIDEO CODECS
3819	pending	TW	108134291	SIMPLIFIED SPATIAL-TEMPORAL MOTION VECTOR PREDICTION
3820	pending	US	18/301,819	SUB-BLOCK BASED PREDICTION
3821	granted	US	17/585,718	SELECTION OF MATRICES FOR REDUCED SECONDARY TRANSFORM IN VIDEO CODING
3822	pending	KR	10-2021-7020500	INVOKE OF LUT UPDATING
3823	pending	CN	202311451844.3	SELECTIVE USE OF COLOR SPACE CONVERSION AND OTHER CODEC TOOLS IN THE ADAPTIVE RING
3824	pending	EP	20876854.9	SYNTAX CONSTRAINTS IN PARAMETER SET SIGNALING OF SUBPICTURES
3825	pending	US	18/519,994	JOINT CODING OF CHROMA RESIDUAL AND FILTERING IN VIDEO PROCESSING
3826	pending	IN	202127053717	SUB-BLOCK BASED USE OF TRANSFORM SKIP MODE
3827	granted	KR	10-2021-7038570	MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION

3828	granted	CN	201910907180.4	SIMPLIFIED HISTORY-BASED MOTION VECTOR PREDICTION
3829	granted	JP	2022-502208	TRANSFORM BLOCK SIZE RESTRICTION IN VIDEO CODING
3830	pending	JP	2023-076140	CONDITIONAL SIGNALING OF REDUCED SECONDARY TRANSFORM IN VIDEO BITSTREAMS
3831	pending	CN	202311527547.2	SYNTAX ELEMENTS FOR CHROMATICITY RESIDUAL SCALING
3832	pending	US	18/502,646	HARMONIZATION OF LINEAR MODE PREDICTION IN VIDEO CODING
3833	pending	KR	10-2023-7041403	DECODER SIDE MOTION VECTOR DERIVATION
3834	pending	CN	202211461592.8	METHOD, APPARATUS AND COMPUTER READABLE MEDIUM FOR CODING AND DECODING VIDEO DATA
3835	granted	US	17/729,404	SYMMERTRIC MOTION VECTOR DIFFERENCE CODING
3836	granted	CN	202080027500.8	ONE-HALF PIXEL INTERPOLATION FILTER IN INTER-FRAME CODEC MODE
3837	pending	CN	201910487907.8	INTERACTION OF INTRAFRAME BLOCK REPLICATION WITH LOCAL ADAPTIVE MOTION VECTOR RESOLUTION
3838	pending	BR	BR112022006453-5	LEVEL-BASED SIGNALING OF VIDEO CODING TOOLS
3839	pending	JP	2022-516100	PALETTE PREDICTOR SIZE ADAPTATION IN VIDEO CODING
3840	pending	CN	202180029943.5	CONSTRAINTS ON THE LIST OF REFERENCE IMAGES
3841	pending	US	18/310,344	MULTI-PARAMETERS BASED INTRA PREDICTION
3842	pending	EP	20819292.2	CONTEXT DETERMINATION FOR MATRIX-BASED INTRA PREDICTION
3843	pending	SG	11202111967V	MULTIPLE SECONDARY TRANSFORM MATRICES FOR VIDEO PROCESSING
3844	pending	CN	202180008805.9	SIGNALING NOTIFICATION OF HIGH-LEVEL SYNTAX INSTRUCTIONS
3845	pending	US	17/869,975	ADAPTIVE LOOP FILTERING FOR CHROMA COMPONENTS
3846	granted	JP	2020-568474	INTERACTION BETWEEN IBC AND ATMVP
3847	granted	JP	2021-562775	CONTEXT MODELING AND SELECTION OF MULTIPLE TRANSFORM MATRIX
3848	pending	KR	10-2022-7041341	ENTROPY CODING FOR PARTITION SYNTAX
3849	granted	JP	2022-554450	ADAPTIVE LOOP FILTERING
3850	granted	US	17/988,934	INDICATION OF END OF SEQUENCE IN CODED VIDEO

3851	pending	CN	202180027130.2	SIGNALING NOTIFICATION FOR INTER-FRAME PREDICTION IN HIGH-LEVEL SYNTAX
3852	pending	CN	202080089537.3	IMPROVEMENTS TO THE MERGE MODEL WITH MOTION VECTOR DIFFERENCES
3853	pending	JP	2023-016139	INTERACTION BETWEEN LUT AND AMVP
3854	pending	CN	202080014405.4	DERIVATION OF TRANSFORMATION PARAMETERS BASED ON BLOCK PARTITIONING
3855	pending	TW	108134287	UTILIZATION OF NON-SUB BLOCK SPATIAL-TEMPORAL MOTION VECTOR PREDICTION IN INTER MODE
3856	pending	CN	202080020950.4	SUBBLOCK TRANSFORMATIONS IN TRANSFORM SKIP MODE
3857	pending	IN	202127049711	LUMA BASED SECONDARY TRANSFORM MATRIX SELECTION FOR VIDEO PROCESSING
3858	pending	CN	202180041405.8	IMPROVEMENT OF AFFINE PREDICTION FOR VIDEO CODECS
3859	granted	JP	2022-535772	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
3860	pending	CN	202310713250.9	JUXTAPOSED LOCAL ILLUMINATION COMPENSATION AND MODIFIED INTER-FRAME PREDICTION CODECS
3861	pending	JP	2022-551567	REFERENCE PICTURE INFORMATION SIGNALLING IN A VIDEO BITSTREAM
3862	pending	US	18/079,303	END OF SEQUENCE INDICATION IN CODED VIDEO
3863	granted	CN	202080035068.7	MULTIPLE QUADRATIC TRANSFORM MATRICES FOR VIDEO PROCESSING
3864	granted	CN	201980068532.X	JUXTAPOSED LOCAL ILLUMINATION COMPENSATION AND MODIFIED INTER-FRAME PREDICTION CODECS
3865	granted	US	17/716,380	PADDING PROCESS AT UNAVAILABLE SAMPLE LOCATIONS IN ADAPTIVE LOOP FILTERING
3866	pending	SG	11202201274S	SUBPICTURE DEPENDENT SIGNALING IN VIDEO BITSTREAMS
3867	granted	CN	202080036997.X	TRANSFORM DESIGN FOR LARGE BLOCKS IN VIDEO CODECS
3868	pending	CN	202311719476.6	SUB-BITSTREAM EXTRACTION FOR MULTILAYER VIDEO BITSTREAMS
3869	pending	BR	BR112021014620-2	INTERACTIONS BETWEEN IN-LOOP RESHAPING AND INTER CODING TOOLS
3870	pending	EP	20873612.4	HIGH LEVEL SYNTAX FOR VIDEO CODING TOOLS
3871	pending	KR	10-2022-7005826	LUMA MAPPING WITH CHROMA SCALING

3872	pending	EP	21775815.0	COMBINATION OF SUBPICTURES AND SCALABILITY
3873	pending	EP	20854091.4	SELECTIVE USE OF ALTERNATIVE INTERPOLATION FILTERS IN VIDEO PROCESSING
3874	pending	IN	202147056239	MOTION CANDIDATE LIST CONSTRUCTION FOR VIDEO CODING
3875	pending	IN	202127038732	JOINT CODING OF PALETTE MODE USAGE INDICATION
3876	pending	CN	202311723542.7	SIDE INFORMATION SIGNALING WITH GEOMETRICALLY SEGMENTED INTER-FRAME PREDICTION
3877	pending	JP	2023-117437	TRANSFORM BLOCK SIZE RESTRICTION IN VIDEO CODING
3878	pending	BR	BR112022005046-1	TWO-PART SIGNALING OF ADAPTIVE LOOP FILTERS IN VIDEO CODING
3879	pending	ZA	2022/00455	SAMPLE IDENTIFICATION FOR INTRA BLOCK COPY IN VIDEO CODING
3880	granted	US	16/987,844	COMPLEXITY REDUCTION IN PARAMETER DERIVATION FOR INTRA PREDICTION
3881	pending	IN	202147020413	COMPLEXITY REDUCTION IN PARAMETER DERIVATION FOR INTRA PREDICTION
3882	pending	CN	202080090129.X	LIMITING SLICE WIDTH IN VIDEO CODECS
3883	pending	US	18/313,144	SIGNALING OF RESHAPING INFORMATION IN VIDEO PROCESSING
3884	pending	VN	1-2022-04112	SIGNALING OF SLICE TYPES IN VIDEO PICTURES HEADERS
3885	pending	CN	202311451186.8	SIGNALING AND SYNTAX FOR LOOP SHAPING MESSAGES
3886	pending	KR	10-2021-7026974	IMPLEMENTATION ASPECTS IN INTRA BLOCK COPY IN VIDEO CODING
3887	granted	US	17/071,412	SUB-BLOCK MV INHERITANCE BETWEEN COLOR COMPONENTS
3888	pending	JP	2023-204677	SYNTAX FOR SIGNALING CROSS-COMPONENT VIDEO CODING
3889	pending	CN	202180044103.6	INTERLAYER PREDICTION WITH DIFFERENT CODEC BLOCK SIZES
3890	pending	JP	2023-086493	SIGNALING IN TRANSFORM SKIP MODE
3891	pending	KR	10-2024-7004622	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
3892	pending	KR	10-2022-7005909	CODING MODE DETERMINATION BASED ON COLOR FORMAT
3893	pending	CN	202311198547.2	APPLICABILITY CONDITIONS FOR CROSS-COMPONENT CODING AND DECODING
3894	granted	US	17/019,581	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE

3895	granted	CN	201910583424.8	LIMITATIONS ON THE SHARING OF CAMPAIGN INFORMATION
3896	pending	KR	10-2022-7040473	SCALING WINDOW IN VIDEO CODING
3897	pending	TW	108133113	HOW MANY HMVP CANDIDATES TO BE CHECKED
3898	pending	PH	1-2021-552410	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
3899	pending	BR	BR112022013297-2	CROSS COMPONENT ADAPTIVE LOOP FILTERING FOR VIDEO CODING
3900	pending	EP	20748900.6	BUFFER INITIALIZATION FOR INTRA BLOCK COPY IN VIDEO CODING
3901	pending	JP	2022-563090	CONSTRAINTS ON REFERENCE PICTURE LISTS
3902	granted	US	17/494,305	TWO-LEVEL SIGNALING OF FILTERING INFORMATION IN VIDEO PROCESSING
3903	pending	CN	202080091752.7	MULTI-REFERENCE LINE CHROMATICITY PREDICTION
3904	pending	US	18/531,014	DECODED PICTURE BUFFER MEMORY ALLOCATION AND PICTURE OUTPUT IN SCALABLE VIDEO CODING
3905	pending	CN	202080031971.6	SYMMETRIC MOTION VECTOR DIFFERENCE CODING AND DECODING
3906	pending	VN	1-2021-05025	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3907	pending	US	17/358,700	CONDITIONAL APPLICATION OF INTER PREDICTION WITH GEOMETRIC PARTITIONING IN VIDEO PROCESSING
3908	pending	US	18/076,869	AFFINE PREDICTION IMPROVEMENTS FOR VIDEO CODING
3909	pending	US	17/897,835	INTERPLAY BETWEEN PICTURE HEADER AND SLICE HEADER OF A VIDEO BITSTREAM
3910	granted	US	17/732,743	CROSS-COMPONENT ADAPTIVE LOOP FILTER USING LUMA DIFFERENCES
3911	pending	TW	108132495	CALCULATING MOTION VECTOR PREDICTORS
3912	granted	US	17/357,166	SIGNALING OF RESHAPING INFORMATION IN VIDEO PROCESSING
3913	pending	KR	10-2021-7008482	POSITION DEPENDENT INTRA PREDICTION
3914	pending	BR	BR112022023391-4	SCALING WINDOW IN VIDEO CODING
3915	pending	IN	202127001772	CONDITIONS FOR UPDATING LUTS
3916	pending	KR	10-2022-7004036	PALETTE MODE WITH DIFFERENT PARTITION STRUCTURES
3917	granted	US	17/011,157	INTERACTION BETWEEN IBC AND BIO

3918	pending	MX	MX/A/2021/012516	CONTEXT CODING FOR TRANSFORM SKIP MODE
3919	pending	IN	202247068089	SUBLAYERS INFORMATION IN VIDEO CODING
3920	pending	CN	202180017696.7	CONDITIONAL SIGNALING FOR SYNTAX ELEMENTS IN IMAGE HEADERS
3921	pending	KR	10-2022-7039256	MINIMUM ALLOWED QUANTIZATION FOR TRANSFORM SKIP BLOCKS IN VIDEO CODING
3922	pending	CN	202210066664.2	METHOD, APPARATUS AND STORAGE MEDIUM FOR EFFICIENT AFFINE MERGE MOTION VECTOR DERIVATION
3923	granted	CN	201910533220.3	MULTIPLE CANDIDATES WITH DIFFERENT ACCURACIES
3924	pending	CN	202180019098.3	CONTROL SCALING PROCESSING USING STRIP HEADER SIGNALING NOTIFICATION
3925	pending	EP	20874449.0	USE AND SIGNALING OF REFINING VIDEO CODING TOOLS
3926	granted	TW	108119997	MV PRECISION REFINE
3927	pending	IN	202227074257	INTER LAYER PREDICTION WITH DIFFERENT CODING BLOCK SIZE
3928	pending	MY	PI2022000629	VIDEO REGION PARTITION BASED ON COLOR FORMAT
3929	pending	CN	202080013763.3	SIGNALING NOTIFICATION OF INTRA-FRAME BLOCK COPY MERGE CANDIDATES
3930	pending	JP	2022-552756	LOW FREQUENCY NON-SEPARABLE TRANSFORM SIGNALING IN VIDEO CODING
3931	granted	JP	2021-529071	PULSE CODE MODULATION TECHNIQUE IN VIDEO PROCESSING
3932	granted	US	17/582,739	BLOCK SIZE DEPENDENT USE OF VIDEO CODING MODE
3933	pending	CN	202211266581.4	MOTION VECTOR REFINEMENT IN VIDEO CODECS
3934	pending	IN	202227033775	SAMPLE PADDING FOR CROSS-COMPONENT ADAPTIVE LOOP FILTERING
3935	pending	IN	202247045853	REFERENCE PICTURE RESAMPLING ACTIVATION IN VIDEO CODING
3936	pending	PH	1-2021-552061	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3937	granted	JP	2021-557130	USING INTERPOLATION FILTERS FOR HISTORY BASED MOTION VECTOR PREDICTION
3938	granted	CN	201910596886.3	METHOD, APPARATUS AND NON-TRANSITORY STORAGE MEDIUM FOR PROCESSING VIDEO DATA
3939	pending	JP	2022-525115	DERIVATION OF LINEAR PARAMETER IN CROSS-COMPONENT VIDEO CODING

3940	pending	SG	11202111961S	CONDITIONS FOR APPLICABILITY OF CROSS-COMPONENT CODING
3941	pending	JP	2022-571340	ORDERING OF NAL UNITS IN CODED VIDEO
3942	pending	CN	202180038623.6	INDICATION OF MULTIPLE TRANSFORMATION MATRICES IN CODEC VIDEO
3943	granted	US	17/203,604	MOTION VECTOR PRECISION IN MERGE WITH MOTION VECTOR DIFFERENCE MODE
3944	pending	JP	2021-568702	MATRIX-BASED INTRA PREDICTION USING UPSAMPLING
3945	granted	MX	MX/A/2022/002188	CODING MODE DETERMINATION BASED ON COLOR FORMAT
3946	pending	EP	20769932.3	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
3947	granted	CN	202080023987.2	CONDITIONS IN PARAMETER DERIVATION FOR INTRA-FRAME PREDICTION
3948	granted	TW	108121832	AUTOMATIC PARTITION FOR CROSS BLOCKS
3949	granted	CN	202080018326.0	LIMITATIONS ON IN-LOOP FILTERING
3950	pending	SG	11202202852Q	HIGH PRECISION TRANSFORM AND QUANTIZATION FOR IMAGE AND VIDEO CODING
3951	granted	RU	2021127209	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
3952	granted	TW	108121830	COMPONENT-DEPENDENT SUB-BLOCK DIVIDING
3953	pending	JP	2022-548755	REFERENCE PICTURE RESAMPLING ACTIVATION IN VIDEO CODING
3954	granted	US	16/998,296	SELECTION OF CODED MOTION INFORMATION FOR LUT UPDATING
3955	pending	CN	202180008861.2	HANDLING OF FILLER DATA UNITS IN VIDEO STREAMS
3956	granted	US	17/071,210	USING INTER PREDICTION WITH GEOMETRIC PARTITIONING FOR VIDEO PROCESSING
3957	pending	US	18/339,063	METHODS FOR CROSS COMPONENT DEPENDENCY REDUCTION
3958	pending	US	18/516,577	HANDLING VIDEO UNIT BOUNDARIES AND VIRTUAL BOUNDARIES
3959	granted	CN	201910888189.5	SYNTACTIC REUSE OF AFFINE PATTERNS WITH ADAPTIVE MOTION VECTOR RESOLUTION
3960	pending	CN	202180017646.9	CONSTRAINTS OF DIFFERENT CODEC TOOLS
3961	pending	US	17/476,637	PREDICTION REFINEMENT BASED ON OPTICAL FLOW

3962	pending	IN	202147033041	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
3963	granted	TW	108119572	INTERACTION BETWEEN IBC AND ATMVP
3964	granted	CN	202080052498.X	CODECS RELATED TO THE CONDITIONS INDICATED BY THE USE OF THE PALETTE MODE
3965	pending	EP	21738379.3	SIGNALLING OF HIGH LEVEL SYNTAX INDICATION
3966	pending	KR	10-2021-7035466	INTERACTIONS AMONG MULTIPLE INTRA CODING METHODS
3967	pending	BR	BR112022016608-7	SIGNALING OF SLICE AND TILE PICTURE PARTITIONS
3968	pending	US	17/887,275	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
3969	pending	JP	2022-539152	SUBPICTURE SIGNALING IN VIDEO CODING
3970	pending	KR	10-2022-7045426	BOUNDARY LOCATION FOR ADAPTIVE LOOP FILTERING
3971	pending	CN	202311458831.9	VIDEO ENCODING AND DECODING USING ON-SCREEN CONTENT ENCODING TOOLS
3972	pending	IN	202127047226	QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODE MODULATION REPRESENTATION OF CODED VIDEO
3973	pending	MY	PI2021004175	SIGNALING OF IN-LOOP RESHAPING INFORMATION USING PARAMETER SETS
3974	granted	US	18/073,700	SIGNALING OF GENERAL CONSTRAIN INFORMATION
3975	granted	JP	2021-548182	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
3976	pending	BR	BR 11 2021 017512 1	IMPROVED WEIGHTING PROCESSING OF COMBINED INTRA-INTER PREDICTION
3977	granted	CN	202080030184.X	SIGNALING OF SYNTACTIC ELEMENTS FOR JOINT CODING AND DECODING OF CHROMATIC RESIDUALS
3978	granted	TW	108134297	MULTIPLE-HYPOTHESIS AFFINE MODE
3979	granted	CN	201980075711.6	PRUNING METHOD FOR HISTORY-BASED AFFINE PARAMETERS
3980	pending	JP	2023-179454	RESIDUAL CODING FOR TRANSFORM SKIPPED BLOCKS
3981	pending	IN	202127018491	TABLE MAINTENANCE FOR HMVP CANDIDATE STORAGE
3982	pending	CN	202080057647.1	COLOR PALETTE PATTERNS WITH DIFFERENT SEGMENTATION STRUCTURES
3983	granted	CN	202080012233.7	INTERACTION BETWEEN LOOP SHAPING AND PALETTE PATTERNS
3984	granted	CN	202080071369.5	DEBLOCKING OF CODED BLOCKS IN GEOMETRIC SEGMENTATION PATTERNS

3985	pending	US	17/519,269	CHROMA DEBLOCKING HARMONIZATION FOR VIDEO CODING
3986	granted	CN	202080055674.5	SELECTION OF MATRIX FOR REDUCED QUADRATIC TRANSFORM IN VIDEO CODECS
3987	pending	RU	2022101474	MAPPING RESTRICTION FOR INTRA-BLOCK COPY VIRTUAL BUFFER
3988	granted	CN	202080020109.5	CONSTRUCTING PAIRED MOTION CANDIDATE COLUMNS BASED ON SPECIFIED CANDIDATES
3989	pending	US	17/891,590	INFERENCING WEIGHT VALUES FOR VIDEO COMPONENTS IN A BITSTREAM
3990	pending	US	18/503,955	ENTROPY CODING FOR MOTION PRECISION SYNTAX
3991	granted	US	17/109,821	SIMPLIFIED CODING OF GENERALIZED BI-DIRECTIONAL INDEX
3992	pending	CN	202311559171.3	SCALING PROCESS FOR CODEC BLOCKS
3993	pending	US	17/950,411	CONTROLLING DEBLOCKING FILTERING AT DIFFERENT LEVELS IN CODED VIDEO
3994	granted	JP	2021-551973	JOINT CODING OF PALETTE MODE USAGE INDICATION
3995	pending	IN	202247015604	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
3996	pending	HK	62022050451.3	NEIGHBOURING SAMPLE SELECTION FOR INTRA PREDICTION
3997	granted	US	17/230,128	MOTION CANDIDATE DERIVATION BASED ON MULTIPLE INFORMATION IN SUB-BLOCK MOTION VECTOR PREDICTION
3998	pending	KR	10-2022-7002901	BUFFER MANAGEMENT IN SUBPICTURE DECODING
3999	granted	US	17/207,173	MV PLANAR MODE WITH BLOCK LEVEL
4000	granted	TW	108123340	MERGE INDEX CODING
4001	pending	JP	2023-202344	PARTITION CALCULATION BASED ON SUBPICTURE LEVEL
4002	granted	CN	201980073942.3	ROUNDING IN PAIRWISE AVERAGE CANDIDATE CALCULATION
4003	pending	CN	202180028478.3	SUB-BITSTREAM EXTRACTION
4004	pending	IN	202247046537	SUBPICTURE INFORMATION SIGNALING IN VIDEO BITSTREAMS
4005	granted	US	17/958,531	CONSTRAINTS ON ADAPTATION PARAMETER SET SYNTAX ELEMENTS
4006	pending	US	18/181,151	VIDEO REGION PARTITION BASED ON COLOR FORMAT
4007	granted	CN	202080031685.X	CONSTRAINTS ON THE QUANTIZED RESIDUAL DIFFERENTIAL PULSE CODED MODULATION REPRESENTATION OF CODED VIDEO

4008	pending	CN	202080011121.X	FAST ALGORITHM FOR SYMMETRIC MOTION VECTOR DIFFERENCE CODING AND DECODING MODES
4009	pending	CN	202080089444.0	IMPROVEMENTS TO THE MERGE MODEL
4010	pending	TW	108132496	AFFINE MODE CALCULATIONS FOR DIFFERENT VIDEO BLOCK SIZES
4011	pending	CN	201980074353.7	METHODS FOR CONSTRUCTION OF CANDIDATE LISTS FOR AIRSPACE CAMPAIGNS
4012	pending	KR	10-2023-7036239	GEOMETRY PARTITIONS WITH HISTORY BASED MOTION VECTOR PREDICTION
4013	pending	KR	10-2022-7020351	DECODING PARAMETER SETS IN VIDEO CODING
4014	pending	US	17/693,081	INITIALIZATION OF PALETTE FOR WAVEFRONT PARALLEL PROCESSING
4015	granted	US	17/161,106	COORDINATION METHOD FOR SUB-BLOCK BASED INTER PREDICTION
4016	granted	US	17/570,682	SAMPLE DETERMINATION FOR ADAPTIVE LOOP FILTERING
4017	granted	CN	202080027509.9	OPTIONAL INTERPOLATION FILTERS IN VIDEO CODING
4018	pending	KR	10-2021-7012177	WEIGHTS IN COMBINED INTER INTRA PREDICTION MODE
4019	pending	VN	1-2022-05475	Method and apparatus for processing video data and computer-readable recording medium
4020	pending	CA	3130472	INDEPENDENT CODING OF PALETTE MODE USAGE INDICATION
4021	granted	GB	2018465.1	INTERACTION BETWEEN IBC AND DMVR AND INTERACTION BETWEEN IBC AND FRUC
4022	granted	CN	201910764238.4	FORCED BOUNDARY SPLITTING FOR EXTENDED QUADTREE SPLITTING
4023	pending	MY	PI2022001514	DERIVING REFERENCE SAMPLE POSITIONS IN VIDEO CODING
4024	granted	US	17/225,470	UTILIZATION OF REFINED MOTION VECTOR
4025	pending	US	17/944,876	TECHNIQUES FOR MODIFYING QUANTIZATION PARAMETER IN TRANSFORM SKIP MODE
4026	granted	CN	201910487922.2	METHOD, APPARATUS, AND STORAGE MEDIUM FOR INTERACTING WITH ASYMMETRICALLY WEIGHTED MERGE AND OTHER ENCODING TOOLS
4027	granted	CN	202080030225.5	APPLICABILITY OF THE PREDICTIVE REFINEMENT PROCESS USING OPTICAL FLOW
4028	granted	CN	202080055162.9	PALETTE MODE CODECS IN THE PREDICTION PROCESS

4029	pending	EP	20801570.1	CONDITIONS FOR APPLICABILITY OF CROSS-COMPONENT CODING
4030	granted	US	17/400,320	SIGNALING OF SYNTAX ELEMENTS FOR JOINT CODING OF CHROMINANCE RESIDUALS
4031	pending	EP	21795487.4	ENTROPY CODING FOR PARTITION SYNTAX
4032	pending	HK	62022052097.2	CONSTRAINTS ON MODEL-BASED RESHAPING IN VIDEO PROCESSING
4033	pending	BR	BR 112022001079-6	QUANTIZATION PROCESS FOR PALETTE MODE
4034	pending	ID	P00202106629	NEIGHBORING SAMPLE SELECTION FOR INTRA PREDICTION
4035	pending	US	18/485,088	ENTROPY CODING FOR PALETTE ESCAPE SYMBOL
4036	pending	CN	202080038735.7	CONSTRAINTS ON MERGE CANDIDATES FOR BLOCKS WITH INTRA-FRAME BLOCK COPY CODECS
4037	pending	CN	202180029592.8	ZOOM WINDOW FOR VIDEO CODECS
4038	pending	CN	202311531640.0	SYNTACTIC SIGNALING IN SUB-BLOCK MERGE MODE
4039	pending	CN	202311551330.5	HIGH-PRECISION TRANSFORMS AND QUANTIZATION FOR IMAGE AND VIDEO CODECS
4040	granted	CN	201980075563.8	CONSTRUCTING MERGE WITH MOTION VECTOR DIFFERENCE CANDIDATES
4041	granted	US	17/977,630	ENTROPY CODING FOR PARTITION SYNTAX
4042	pending	RU	2022130182	SCALABLE NESTED SEI MESSAGE HANDLING IN VIDEO SUB-BITSTREAM EXTRACTION PROCESS
4043	granted	CN	201910888077.X	MULTIPLE PREDICTION BLOCKS FOR AN INTRA-FRAME CODING BLOCK
4044	pending	IN	202227048205	USING PICTURE LEVEL SLICE INDEX IN VIDEO CODING
4045	pending	EP	21822889.8	PICTURE HEADER CONSTRAINTS FOR MULTI-LAYER VIDEO CODING
4046	pending	IN	202227070631	SUBLAYER SIGNALING IN A VIDEO BITSTREAM
4047	granted	AU	2020260285	RESTRICTION ON APPLICABILITY OF CROSS COMPONENT MODE
4048	pending	KR	10-2021-7014345	DIFFERENCE CALCULATION BASED ON PARTIAL POSITION

☑	Check here if additional patent information is provided on additional pages.

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

Signature (include on final page only):	
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Title of authorized person	Senior Patent Counsel
Signature	*Meixin Li*
Place, Date	Beijing, China, April 3, 2024

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