

200	WITH INTERFACE BETWEEN RECORDING/ REPRODUCING DEVICE AND AT LEAST ONE OTHER LOCAL DEVICE	229	...Delayed decision event (e.g., preserving time previous to trigger, loop-recording, etc.)
201	..Synchronization	230	.With a display/monitor device
202	..External synchronization for phase or frequency correction	231	.Digital interface (e.g., 1394/ USB, etc.)
203	..With variable delay	232	.Format conversion (e.g., PAL, NTSC, HD, etc.)
204	..With phase lock loop (e.g., ProcAmp, PLL, etc.)	233	..Telecine
205	..For tape trick play	234	.With remote control
206	..For disk/disc trick play	235	VIDEO APPARATUS FOR PERFORMING SIMULTANEOUS RECORDING AND REPRODUCING OPERATIONS (E.G., DOUBLE-TAPE DECKS, ETC.)
207	..Synchronization correction		
208	..Sync block		
209	..Analog camera source to analog recorder	236	.Single unit system having two separate heads or double ported RAM
210	..Camera source to digital recording device	237	.Single unit having head with shared read/write operation
211	..MPEG recorder (e.g., Time, PTS, DTS, STC, PCR, etc.)	238	.Setting program event (e.g., using EPG, showing time line, TOC, etc.)
212	..Analog tuner to analog recorder	239	PROCESS OF GENERATING ADDITIONAL DATA DURING RECORDING OR REPRODUCING (E.G., VITC, VITS, ETC.)
213	..Tuner source to digital recorder		
214	..MPEG digital tuner to MPEG recorder (e.g., Time, PTS, DTS, STC, PCR, etc.)	240	.Non-motion video content (e.g., URL, HTML, etc.)
215	..Analog playback device to analog recorder	241	.Video or audio bookmarking (e.g., bit rate, scene change, thumbnails, timed, entry points, user manual initiated, etc.)
216	..Playback device to digital recorder	242	.Video camera-related attribute analysis (e.g., shake, zooming, dollying, tilting, panning, moving sensor, etc.)
217	..MPEG playback device to MPEG recorder (e.g., Time, PTS, DTS, STC, PCR, etc.)	243	.Having table of contents user interface
218	..Analog playback device to display device	244	.Character codes
219	..Digital playback device to display device	245	.Teletext or blanking interval data (e.g., VBI, line 21, etc.)
220	..MPEG playback device to display device (e.g., Time, PTS, DTS, STC, PCR, etc.)	246	.Sub-code area
221	..Controlling speed of tape	247	.Using auxiliary memory (e.g., tape chip, static memory, etc.)
222	..Controlling speed of disk	248	.Additional data controlling recording or playback operation
223	..With plural cameras (e.g., multi-scene or angles, etc.)	249	..Commercial identification (e.g., video and/or audio detectors, etc.)
224	..Camera and recording device	250	...Marking commercial locations
225	..Having still mode		
226	..Having time lapse recording mode (e.g., surveillance recording, etc.)		
227	..Camera with additional external sensor (e.g., white balance, GPS, wheel, etc.)		
228	..Having triggered event		

251	...Commercial elimination during recording	283	.With MPEG
252	..Video copy protection (e.g., anti-copy, etc.)	284	.With different standards
253	...Having code table (e.g., CGMS, etc.)	285	.With at least one audio signal
254	...Degrade/modify part of the video signal levels (e.g., back or front porch color burst, etc.)	286	.Subsequent recording
255	...Defeating anti-copy modification (e.g., descrambler, etc.)	287	..Replacing signal (e.g., video or audio, etc.)
256	..With spread spectrum (e.g., PN sequence, etc.)	288	..Reproducing from medium and re-recording back to same medium
257	...Diverse video copy protection	289	.Having erasing head
258	...Video scrambler	290	.User defined sequence (e.g., virtual link list, double link list, etc.)
259	...Video encryption	291	PROGRAMMABLE RECORDER
260	...Video watermarking	292	.Recording event conflict resolution (e.g., program space, time overrun, two-event conflict, etc.)
261	..Parental control (e.g., G, PG, R, X, etc.)	293	..Program event priority
262	..Playback based on user profile (e.g., Abecassis, etc.)	294	..Space resolution
263	ERROR OR FAULT DETECTION DURING RECORDING OR REPRODUCING OPERATION FOR VIDEO SIGNAL	295	..Space management (e.g., erasure plan, FIFO, alternate storage, etc.)
264	.Video compensation or correction	296	.Automatic program events (e.g., profile, etc.)
265	..With redundancy (e.g., raid 0-5, etc.)	297	.Electronic program guide (e.g., EPG, TOC-EPG, etc.)
266	..Video shuffling	298	.Delayed decision recording event
267	...Using a memory	299	.Remote event setting (e.g., phone line, e-mail, etc.)
268	..Parity coding video (inner/outer)	300	COLOR VIDEO SIGNAL PROCESSING
269	..Equalizer/filter video signal (e.g., noise pre-emphasis, etc.)	301	.Color killer
270	.Drop-out detection	302	.Separating color components
271	..Interpolation	303	..By comb filter
272	...Using static memory	304	.Amplitude level control (e.g., AGC, etc.)
273	..Tracking crosstalk	305	..Color burst signal
274	..Phase-crosstalk	306	.Channel splitting
275	..Pilot signal (e.g., helical, etc.)	307	..Frequency modulation of luminance or chrominance
276	..Envelop detection	308	...Sound carriers being frequency multiplexed between luminance carrier and chrominance carrier
277	.Power fault detection and compensation	309	...Lowering frequency band of chrominance signal under frequency band of recorded brightness signal
278	VIDEO EDITING	310	...Phase shifting
279	.Dubbing or mastering (e.g., normal and high speed, etc.)	311	..Amplitude modulation of luminance or chrominance
280	.Special effect	312	..Phase modulation of luminance or chrominance
281	.Edit decision list (e.g., EDL, etc.)	313	.Using diffraction grating (e.g., strip filtering, etc.)
282	..With video GUI		

314 **VIDEO TAPE RECORDING OR
REPRODUCING (E.G., VCR, VTR,
BETA, VHS, 8 MM (I.E.,
SEQUENTIAL R AND R), ETC.)**
315 .Stationary head
316 .Helical scanning (i.e., rotating
heads)
317 ..Heads with different azimuth
318 ..With control track (e.g., VISS,
VASS, audio, time code, etc.)
319 ..Guard band
320 ..With servo control
321 ..With Hi-Fi audio (e.g.,
surround, 5.X, etc.)
322 .Time lapse tape recording (e.g.,
intermittent recording, etc.)
323 .Digital tape recording or
reproducing
324 ..With multiple streams
325 ..Pause mode
326 **VIDEO PROCESSING FOR RECORDING**
327 .With A/D or D/A converter
328 .With compression (e.g., DCT/
MJPEG, etc.)
329 ..MPEG 1 or MPEG2 (e.g., GOP/GOF
(I, P, and B frames), etc.)
330 ..MPEG2 transport stream (e.g.,
188-packets or data structure,
etc.)
331 ..With MPEG4 or MPEG7 (e.g., META
data, VOP, etc.)
332 .DVD with MPEG2 program stream
(i.e., VOB)
333 ..With still picture
334 .DVD with MPEG2 transport stream
335 .High definition video
336 ..DVD with high definition video
(e.g., holographic, etc.)
337 .Multiplexing video and second
signal
338 ..With mono or stereo audio
signal
339 ..With advance audio (e.g.,
surround or 5.1, etc.)
340 ..Bilingual audio (e.g., SAP,
etc.)
341 .Simultaneous recording of plural
video signals (e.g., multi-
angle/scene recording, etc.)
342 .Light or beam (e.g., EBR, etc.)
343 **LOCAL TRICK PLAY PROCESSING**
344 .With randomly accessible medium
(e.g., hard disk, disc, DVD,
RAM, etc.)

345 ..Fast forward MPEG using I and
any combination of P or B
frame
346 ...MPEG I frame-only mode
347 ..Fast reverse MPEG using I and
any combination of P or B
frames
348 ...MPEG I frame-only mode
349 ..Pause
350 ..Trick play transition
351 ..With trick play table (e.g.,
time code, sector number, LUT,
address, etc.)
352 .Trick for analog laser disk/disc
353 **VIDEO PROCESSING FOR REPRODUCING
(E.G., DECODING, ETC.)**
354 .Parallel decompression or
decoding
355 .Digital decompression or
decoding (e.g., DCT or MJPEG,
etc.)
356 .MPEG decompression or decoding
(e.g., MPEG1, MPEG2, inter-
frame, etc.)
357 .De-multiplexing
358 **HOUSING**
359 .For combined TV and video
recording/reproducing
360 .Single housing for plural deck
devices or systems (e.g., VCR
and VCR, VCR and DVD/hard
drive, etc.)
361 .For DVD or CD
362 .For portable video device

E-SUBCLASSES

The following subclasses beginning with the letter E are E-subclasses. Each E-subclass corresponds in scope to a classification in a foreign classification system, for example, the European Classification system (ECLA). The foreign classification equivalent to an E-subclass is identified in the subclass definition. In addition to US documents classified in E-subclasses by US examiners, documents are regularly classified in E-subclasses according to the classification practices of any foreign Offices identified in parentheses at the end of the title. For example, "(EPO)" at the end of a title indicates both European and US patent documents, as classi-

fied by the EPO, are regularly added to the subclass. E-subclasses may contain subject matter outside the scope of this class. Consult their definitions, or the documents themselves to clarify or interpret titles.

E9.001 PROCESSING OF COLOR TELEVISION SIGNALS IN CONNECTION WITH RECORDING (EPO)

- E9.002 ..For controlling the level of the chrominance signal (e.g., by means of automatic chroma control circuits, etc.) (EPO)
- E9.003 ..The level control being frequency-dependent (EPO)
- E9.004 ...By using a pre-emphasis network at the recording side and a de-emphasis network at the reproducing side (EPO)
- E9.005 ..Using intermediate digital signal processing (EPO)
- E9.006 ..Suppression of interfering signals at the reproducing side (e.g., noise, etc.) (EPO)
- E9.007 ..The interfering signals being intermodulation signals (EPO)
- E9.008 ..The interfering signals being cross-talk signals (EPO)
- E9.009 ..For more than one processing mode (EPO)
- E9.01 ..For more than one standard (EPO)
- E9.011 ..Transformation of the television signal for recording (e.g., modulation, frequency changing, etc.); inverse transformation for playback (EPO)
- E9.012 ..Involving pulse code modulation of the color picture signal components (EPO)
- E9.013 ...Involving data reduction (EPO)
- E9.014Using predictive coding (EPO)
- E9.015Using transform coding (EPO)
- E9.016 ...With processing of the sound signal (EPO)
- E9.017Using time division multiplex of the PCM audio and PCM video signals (EPO)
- E9.018With insertion of the PCM audio signals in the vertical blanking interval of the PCM video signal (EPO)
- E9.019 ..Involving pulse code modulation of the composite color video-signal (EPO)
- E9.02 ...Involving data reduction (EPO)
- E9.021Using predictive coding (EPO)
- E9.022 ...With processing of the sound signal (EPO)
- E9.023Using time division multiplex of the PCM audio and PCM video signals (EPO)
- E9.024With insertion of the PCM audio signals in the vertical blanking interval of the PCM video signal (EPO)
- E9.025 ..The individual color picture signal components being recorded sequentially only (EPO)
- E9.026 ..The individual color picture signal components being recorded simultaneously only (EPO)
- E9.027 ...The luminance and chrominance signals being recorded in separate channels (EPO)
- E9.028 ...With sound processing (EPO)
- E9.029 ...The recorded chrominance signal occupying a frequency band under the frequency band of the recorded brightness signal (EPO)
- E9.03Involving processing of the sound signal (EPO)
- E9.031The sound carriers being frequency multiplexed between the luminance carrier and the chrominance carrier (EPO)
- E9.032 ...Using intermediate digital signal processing (EPO)
- E9.033 ...Using an increased bandwidth for the luminance or the chrominance signal (EPO)
- E9.034With selection of the conventional or the increased bandwidth signal (e.g., VHS or SVHS signal selection, etc.) (EPO)
- E9.035 ...The recorded signal showing a feature, which is different in adjacent track parts (e.g., different phase or frequency, etc.) (EPO)
- E9.036 ...Involving the multiplexing of an additional signal and the color video signal (EPO)

- E9.037The additional signal being a sound signal (EPO)
- E9.038Using time division multiplex (EPO)
- E9.039Using frequency division multiplex (EPO)
- E9.04The additional signal being at least another television signal (EPO)
- E9.041The additional signal being a character code signal (EPO)
- E9.042For teletext (EPO)
- E9.043Involving the use of subcodes (EPO)
- E9.044 ...The recorded brightness signal occupying a frequency band totally overlapping the frequency band of the recorded chrominance signal (e.g., frequency interleaving, etc.) (EPO)
- E9.045 ..Involving processing of the sound signal (EPO)
- E9.046 ..The individual color picture signal components being recorded sequentially and simultaneously (e.g., corresponding to SECAM-system, etc.) (EPO)
- E9.047 .For recording the signal in a plurality of channels, the bandwidth of each channel being less than the bandwidth of the signal (EPO)
- E9.048 ..By dividing the luminance or color component signal samples or frequency bands among a plurality of recording channels (EPO)
- E9.049 ..By spectrum folding of the high frequency components of the luminance signal (EPO)
- E9.05 ..Regeneration of color television signals (EPO)
- E9.051 ..For restoring the color component sequence of the reproduced chrominance signal (EPO)
- E9.052 ..By assembling picture element blocks in an intermediate memory (EPO)
- E9.053 ..Using a demodulator and a remodulator (e.g., for standard conversion, etc.) (EPO)
- E9.054 ..Involving the mixing of the reproduced video signal with a non-recorded signal (e.g., a text signal, etc.) (EPO)
- E9.055 ..Regeneration of a color reference signal (e.g., the color synchronization burst signal, the chrominance signal carrier, etc.) (EPO)
- E9.056 ..Signal drop-out compensation (EPO)
- E9.057 ...The signal being a composite color television signal (EPO)
- E9.058Using a digital intermediate memory (EPO)
- E9.059 ...For signals recorded by pulse code modulation (EPO)
- E9.06 ..Time-base error compensation (EPO)
- E9.061 ...Using an analogue memory (e.g., a CCD shift register) the delay of which is controlled by a voltage controlled oscillator (EPO)
- E9.062 ...Using a digital memory with independent write-in and read-out clock generators (EPO)
- E9.063 ..Using frequency multiplication of the reproduced color signal carrier with another auxiliary reproduced signal (e.g., a pilot signal carrier) (EPO)
- E5.001 **TELEVISION SIGNAL RECORDING (EPO)**
- E5.002 .Interface circuits between an apparatus for recording and another apparatus (EPO)
- E5.003 .Television signal processing therefor (EPO)
- E5.004 ..For scrambling; for copy protection (EPO)
- E5.005 ..For field- or frame-skip recording or reproducing (EPO)
- E5.006 ...With sound multiplexing (EPO)
- E5.007 ..For bandwidth reduction (EPO)
- E5.008 ...By dividing samples or signal segments (e.g., television lines, etc.) among a plurality of recording channels (EPO)
- E5.009 ..Transformation of the television signal for recording (e.g., modulation, frequency changing, etc.); inverse transformation for playback (EPO)
- E5.01 ...By recording or reproducing the baseband signal (EPO)

- E5.011 ...Using pre-emphasis of the signal before modulation and de-emphasis of the signal after demodulation (EPO)
- E5.012 ...By pulse code modulation (EPO)
- E5.013Involving data reduction (EPO)
- E5.014Using predictive coding (EPO)
- E5.015Using transform coding (EPO)
- E5.016With processing of the sound signal (EPO)
- E5.017Using time division multiplex of the PCM audio and PCM video signals (EPO)
- E5.018With insertion of the PCM audio signals in the vertical blanking interval of the PCM video signal (EPO)
- E5.019 ...The sound signal being pulse code modulated and recorded in time division multiplex with the modulated video signal (EPO)
- E5.02 ...Involving the multiplexing of an additional signal and the video signal (EPO)
- E5.021The additional signal being a sound signal (EPO)
- E5.022Using time division multiplex (EPO)
- E5.023Using frequency division multiplex (EPO)
- E5.024 ...The additional signal being at least another television signal (EPO)
- E5.025 ...The additional signal being a character code signal (EPO)
- E5.026For teletext (EPO)
- E5.027Involving the use of subcodes (EPO)
- E5.028 ..Regeneration of the television signal or of selected parts thereof (EPO)
- E5.029 ...For restoring the level of the reproduced signal (EPO)
- E5.03The level control being frequency dependent (EPO)
- E5.031 ..Regeneration of analogue synchronization signals (EPO)
- E5.032 ..Regeneration of digital synchronization signals (EPO)
- E5.033 ...By assembling picture element blocks in an intermediate store (EPO)
- E5.034 ...Involving the mixing of the reproduced video signal with a non-recorded signal (e.g., a text signal, etc.) (EPO)
- E5.035 ...Signal drop-out compensation (EPO)
- E5.036 ...For signals recorded by pulse code modulation (EPO)
- E5.037 ...Time-base error compensation (EPO)
- E5.038By using an analogue memory (e.g., a CCD shift register, etc.) the delay of which is controlled by a voltage controlled oscillator (EPO)
- E5.039 ...By using a digital memory with independent write-in and read-out clock generators (EPO)
- E5.04 ..For the suppression of noise (EPO)
- E5.041 ..Using magnetic recording (EPO)
- E5.042 ..On discs or drums (EPO)
- E5.043 ..On tape (EPO)
- E5.044 ...With stationary magnetic heads (EPO)
- E5.045 ...With rotating magnetic heads (EPO)
- E5.046 ...Involving helical scanning of the magnetic tape (EPO)
- E5.047For recording on tracks inclined relative to the direction of movement of the tape (EPO)
- E5.048Using more than one track for the recording of one television field or frame (i.e., segmented recording) (EPO)
- E5.049 ...Involving transversal scanning of the magnetic tape (EPO)
- E5.05 ...Recording using a special track configuration (e.g., crossing, overlapping, etc.) (EPO)
- E5.051 ...Involving recording in different depths of the magnetic tape (EPO)
- E5.052 ...Adaptations for reproducing at a rate different from the recording rate (EPO)
- E5.053 ..On a sheet (EPO)

- E5.054 ..Recording or playback not using inductive heads (e.g., magneto-optical, thermomagnetic, magnetostrictive, galvanomagnetic, etc.) (EPO)
- E5.055 .Using electrostatic recording (EPO)
- E5.056 ..On discs or drums (EPO)
- E5.057 ..Using deformable thermoplastic recording medium (EPO)
- E5.058 ...On discs or drums (EPO)
- E5.059 .Using holographic recording (EPO)
- E5.06 ..On discs or drums (EPO)
- E5.061 .Using optical recording (EPO)
- E5.062 ..On film (EPO)
- E5.063 ...The film moving intermittently (EPO)
- E5.064 ..On discs or drums (EPO)
- E5.065 ..Producing a motion picture film from a television signal (EPO)
- E5.066 .Using variable electrical capacitive recording (EPO)
- E5.067 .Using static stores (e.g., storage tubes, semiconductor memories, etc.) (EPO)
- E5.068 .On discs or drums (EPO)
- E5.069 ..Between a recording apparatus and a television camera (EPO)
- E5.07 ..Between a recording apparatus and a television receiver (EPO)
- E5.071 ...The recorder being connected to, or coupled with, the antenna of the television receiver (EPO)
- E5.072 ...The recording apparatus and the television camera being placed in the same enclosure (EPO)
- FOR 106 .Slow producing (386/7)
- FOR 107 .Still reproducing (386/8)
- FOR 108 .Signal amplitude level control (386/9)
- FOR 109 ..Including color burst or reference signal (386/10)
- FOR 110 ...Color killer (386/11)
- FOR 111 .Synchronization signal modification (386/12)
- FOR 112 .Time (e.g., phase or frequency) correction (386/13)
- FOR 113 ..By controlling relative transducer/record medium speed (386/14)
- FOR 114 ...Disc (386/15)
- FOR 115 ..Using recorded reference (e.g., pilot signal) (386/16)
- FOR 116 ..Phase or frequency matching of color television signal component to an external reference (386/17)
- FOR 117 ...Using variable delay (386/18)
- FOR 118 ...Color burst (386/19)
- FOR 119 ..Digital technique (386/20)
- FOR 120 .Recorder or reproducer fault condition compensation (386/21)
- FOR 121 ..Crosstalk (386/22)
- FOR 122 ...Heads having different azimuth angles (386/23)
- FOR 123 ...Different phase between adjacent lines or fields of color television signal (386/24)
- FOR 124 ..Comb filtering (386/25)
- FOR 125 .Frequency modulation for recording on the same track (386/26)
- FOR 126 ..Compressing when recording or decompressing when reproducing (386/27)
- FOR 127 ..Phase shifting (386/28)
- FOR 128 ..Having another signal (386/29)
- FOR 129 .Using diffraction technique or strip filter (386/30)
- FOR 130 .Separately processed primary color signals (386/31)
- FOR 131 ..Separately recorded (386/32)
- FOR 132 .Compressing when recording or decompressing when reproducing (386/33)
- FOR 133 .Digitizing, processing, and converting of analog color television signal (386/34)

FOREIGN ART COLLECTIONS

- FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**
- FOR 100 **PROCESSING OF COLOR TELEVISION SIGNAL FOR DYNAMIC RECORDING OR REPRODUCING (386/1)**
- FOR 101 .Drop-out correction (386/2)
- FOR 102 ..Including switching means and delay means (386/3)
- FOR 103 .Editing (386/4)
- FOR 104 .Line, field, or frame skipping (386/5)
- FOR 105 .Fast reproducing (386/6)

- FOR 134 .Selective recording or reproducing (386/35)
- FOR 135 .Channel splitting (386/36)
- FOR 136 .High definition television recording or reproducing (386/37)
- FOR 137 .Including television camera (386/38)
- FOR 138 .Including audio signal (386/39)
- FOR 139 .Digital recording or reproducing (386/40)
- FOR 140 .Phase control of carrier signal (386/41)
- FOR 141 .Using light or beam (386/42)
- FOR 142 ..Color signal in nonpictorial form (386/43)
- FOR 143 ..Separately processed luminance and chrominance (386/44)
- FOR 144 .Using disc (386/45)
- FOR 145 **PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC RECORDING OR REPRODUCING (386/46)**
- FOR 146 .Drop-out correction (386/47)
- FOR 147 ..For synchronization signal (386/48)
- FOR 148 ..Using static memory or delay means (386/49)
- FOR 149 ...Interpolation (386/50)
- FOR 150 .Specific drop-out detection (386/51)
- FOR 151 .Editing (386/52)
- FOR 152 ..Fading-in and fading-out (386/53)
- FOR 153 ..Audio signal (386/54)
- FOR 154 ..Editing decision list (EDL) (386/55)
- FOR 155 ..Rewrite after read (386/56)
- FOR 156 ..Control track (386/57)
- FOR 157 ...Phase comparison (386/58)
- FOR 158 ...Counting control pulse (386/59)
- FOR 159 ...Numerical code (386/60)
- FOR 160 ..Using synchronization signal (386/61)
- FOR 161 ...Numerical code (386/62)
- FOR 162 ..Having erasing head (386/63)
- FOR 163 ..Having auxiliary dynamic memory means (386/64)
- FOR 164 .Having time code for addressing signal (386/65)
- FOR 165 .Synchronizing of recording or reproducing devices (386/66)
- FOR 166 .Long play recording (386/67)
- FOR 167 .Fast, slow, or stop reproducing (386/68)
- FOR 168 ..Track searching (386/69)
- FOR 169 ...Disc (386/70)
- FOR 170 ..Synchronization signal modification (386/71)
- FOR 171 ..Including head switching means (386/72)
- FOR 172 ..Interpolation (386/73)
- FOR 173 ..Different azimuth (386/74)
- FOR 174 ..Having audio (386/75)
- FOR 175 ..Noise reducing circuit (386/76)
- FOR 176 ..Having static memory (386/77)
- FOR 177 ..Locus or track control (386/78)
- FOR 178 ...Using control signal on the recording medium (386/79)
- FOR 179 ..Automatic control of the speed of the medium (386/80)
- FOR 180 ..Tape (386/81)
- FOR 181 ..Disc (386/82)
- FOR 182 .Including programmable apparatus (386/83)
- FOR 183 .Synchronization signal modification (386/84)
- FOR 184 .Time (e.g., phase or frequency) correction (386/85)
- FOR 185 ..Of relative transducer/record medium speed (386/86)
- FOR 186 ...By controlling speed of record medium (386/87)
- FOR 187 ..Using recorded reference (e.g., pilot signal) (386/88)
- FOR 188 ..Using variable delay (386/89)
- FOR 189 ..Digital technique (386/90)
- FOR 190 ...By controlling read-write operations (386/91)
- FOR 191 .Simultaneously recording of a plurality of television signals (386/92)
- FOR 192 .Signal amplitude level control (386/93)
- FOR 193 .Record protection (e.g., anti-copying) (386/94)
- FOR 194 .Having another signal (386/95)
- FOR 195 ..Audio signal (386/96)
- FOR 196 ...Selective mode (e.g., mono, stereo, or bilingual) (386/97)
- FOR 197 ...Multiplexing or demultiplexing (386/98)
- FOR 198Plurality of audio channels (386/99)
- FOR 199 ...Fault condition compensation (386/100)
- FOR 200 ...Time compressing (386/101)
- FOR 201 ...Including mixing or adding means (386/102)

- FOR 202 ...On a different substrate of
the recording medium (386/103)
- FOR 203 ...Digital audio signal (386/104)
- FOR 204 ...Disc (386/105)
- FOR 205 ...Disc (386/106)
- FOR 206 ...Including television camera
(386/107)
- FOR 207 ..Television signal (386/108)
- FOR 208 .Compressing in recording or
decompressing in reproducing
(386/109)
- FOR 209 ..Line, field, or frame skipping
(386/110)
- FOR 210 ..Intraframe or interframe (386/
111)
- FOR 211 ..Digital compressing (386/112)
- FOR 212 .Recorder or reproducer fault
condition compensation (386/
113)
- FOR 213 ..Noise reduction (386/114)
- FOR 214 ...Crosstalk (386/115)
- FOR 215 ..Digital technique (386/116)
- FOR 216 .Including television camera
(386/117)
- FOR 217 ..Housing or mounting (386/118)
- FOR 218 ..Synchronizing (386/119)
- FOR 219 ..Selective mode (e.g., still or
motion) (386/120)
- FOR 220 .Single still or frame recording
(386/121)
- FOR 221 .Channel splitting (386/122)
- FOR 222 .High definition television
recording or reproducing (386/
123)
- FOR 223 .Digital recording or reproducing
(386/124)
- FOR 224 .Using disc (386/125)
- FOR 225 ..Optical (386/126)
- FOR 226 .Onto thermoplastic record (386/
127)
- FOR 227 .Using light or beam (386/128)
- FOR 228 ..Recording at different frame
rate (386/129)
- FOR 229 ..Cathode-ray tube (386/130)
- FOR 230 .Converting one television format
to another (386/131)

