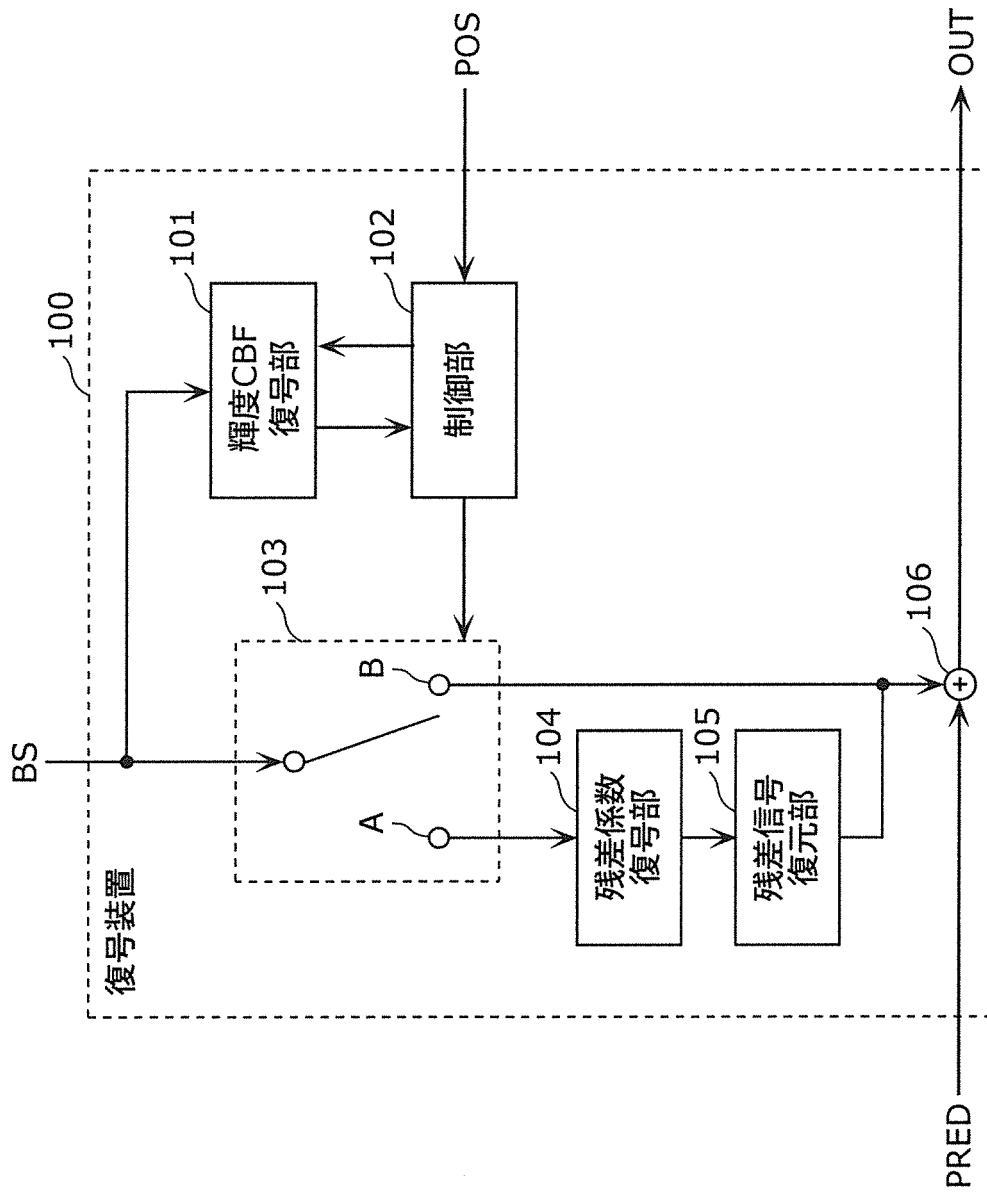
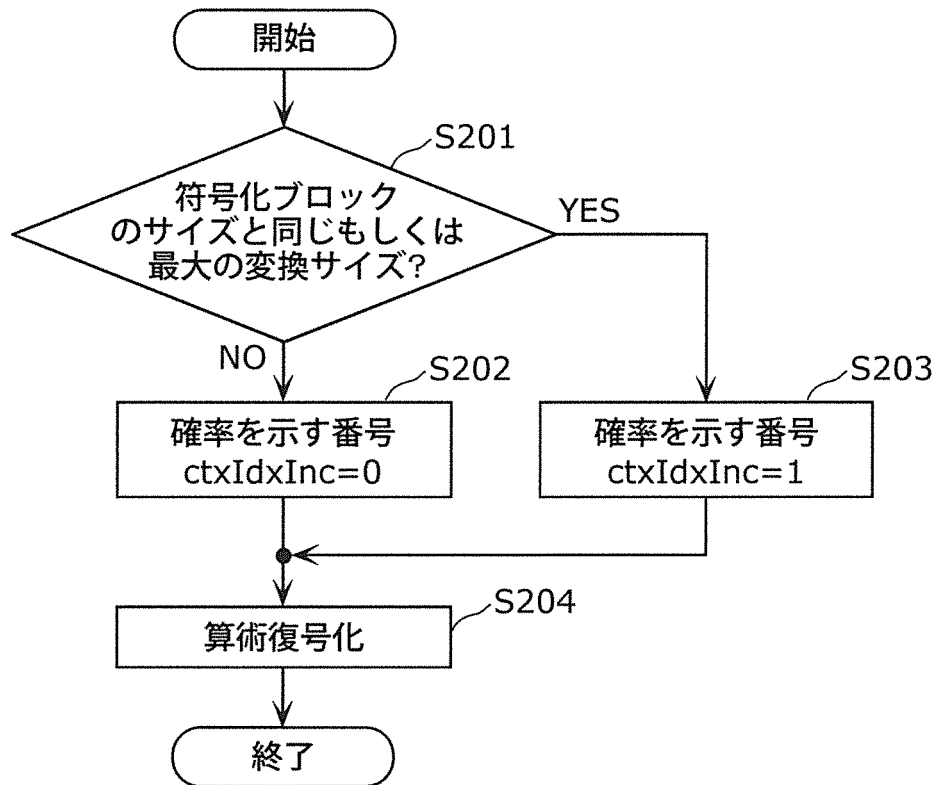


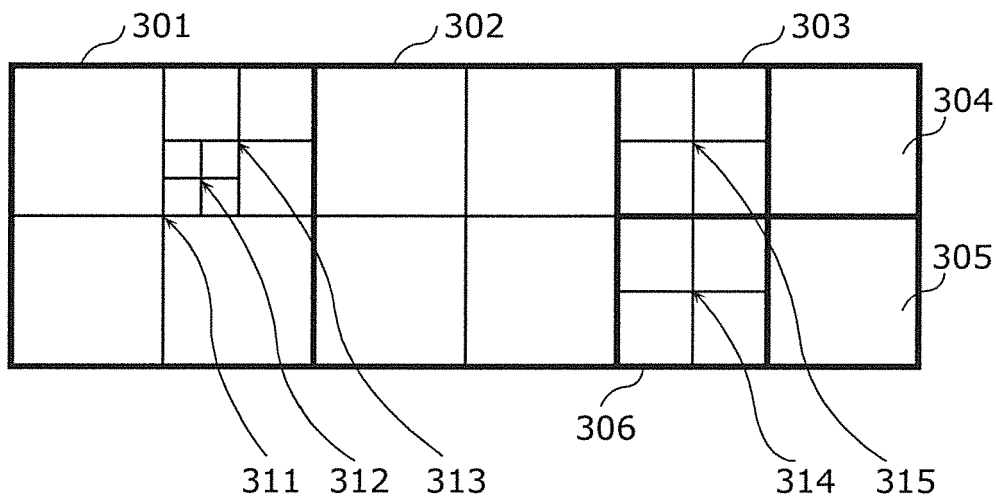
[図1]



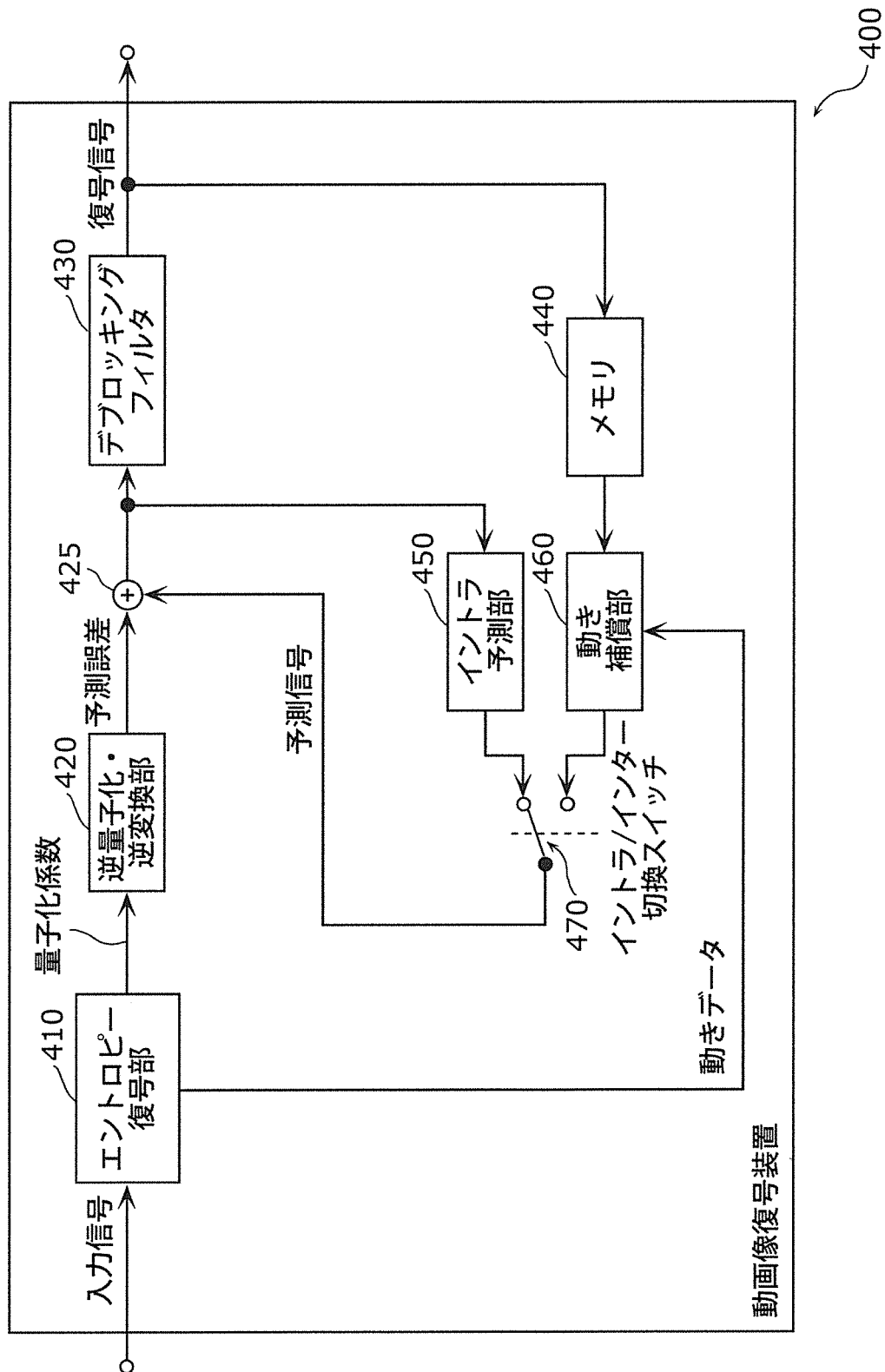
[図2]



[図3]



[図4]



[図5A]

Table 1000 Association of ctxIdx and syntax elements for each slice type in the initialisation process

	Syntax element	ctxIdxTable	Slice Type		
			I	P	B
transform_tree()	cbf_luma	Table 0001	0..1	2..3	4..5

[図5B]

Table 1001 Values of variable m and n for cbf_luma ctxIdx

Initialisation variables	cbf_luma ctxIdx					
	0	1	2	3	4	5
m	-22	-5	-18	-41	-11	-32
n	116	75	98	120	80	83

[5C]

Table 1002 Syntax elements and associated types of binarization, maxBinIdxCtx, ctxIdxTable, and ctxIdxOffset

Syntax element		Type of binarization	maxBinIdx Ctx	ctxIdxTable	ctxIdxOffset
cbf_luma	I	FL, cMax=1	0	Table 0001	0
	P		0	Table 0001	2
	B		0	Table 0001	4

[5D]

Table 1003 Assignment of ctxIdxInc to binIdx for all ctxIdxTable and ctxIdxOffset values

Syntax element	ctxIdxTable, ctxIdxOffset	binIdx				
		0	1	2	3	>=4
cbf_luma	Table 0001	0,1 (subclause XXX)	na	na	na	na
		0,1 (subclause XXX)	na	na	na	na
		0,1 (subclause XXX)	na	na	na	na

[図6]

601

XXX Derivation process of ctxIdxInc for the syntax element luma_cbf

Input to this process is transformDepth, transformSize,

Output of this process is ctxIdxInc.

The variable ctxIdxInc is derived as follows.

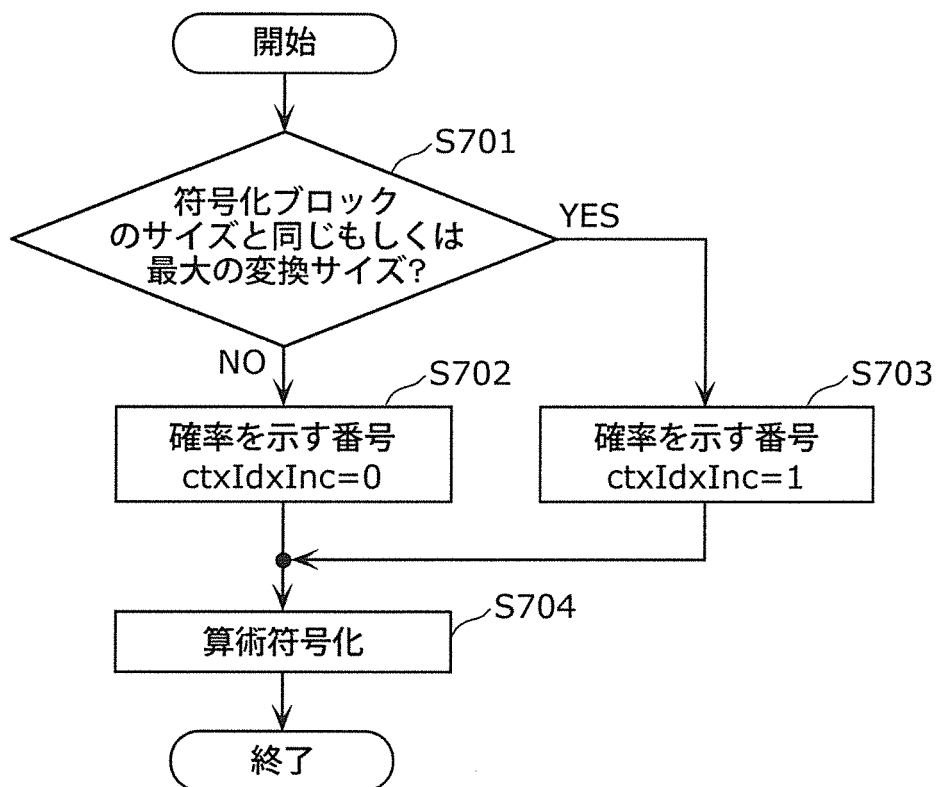
-If transformDepth is equal to 0 or transformSize is MaxTrafoSize, the following applies.

- ctxIdxInc is set equal to 0.

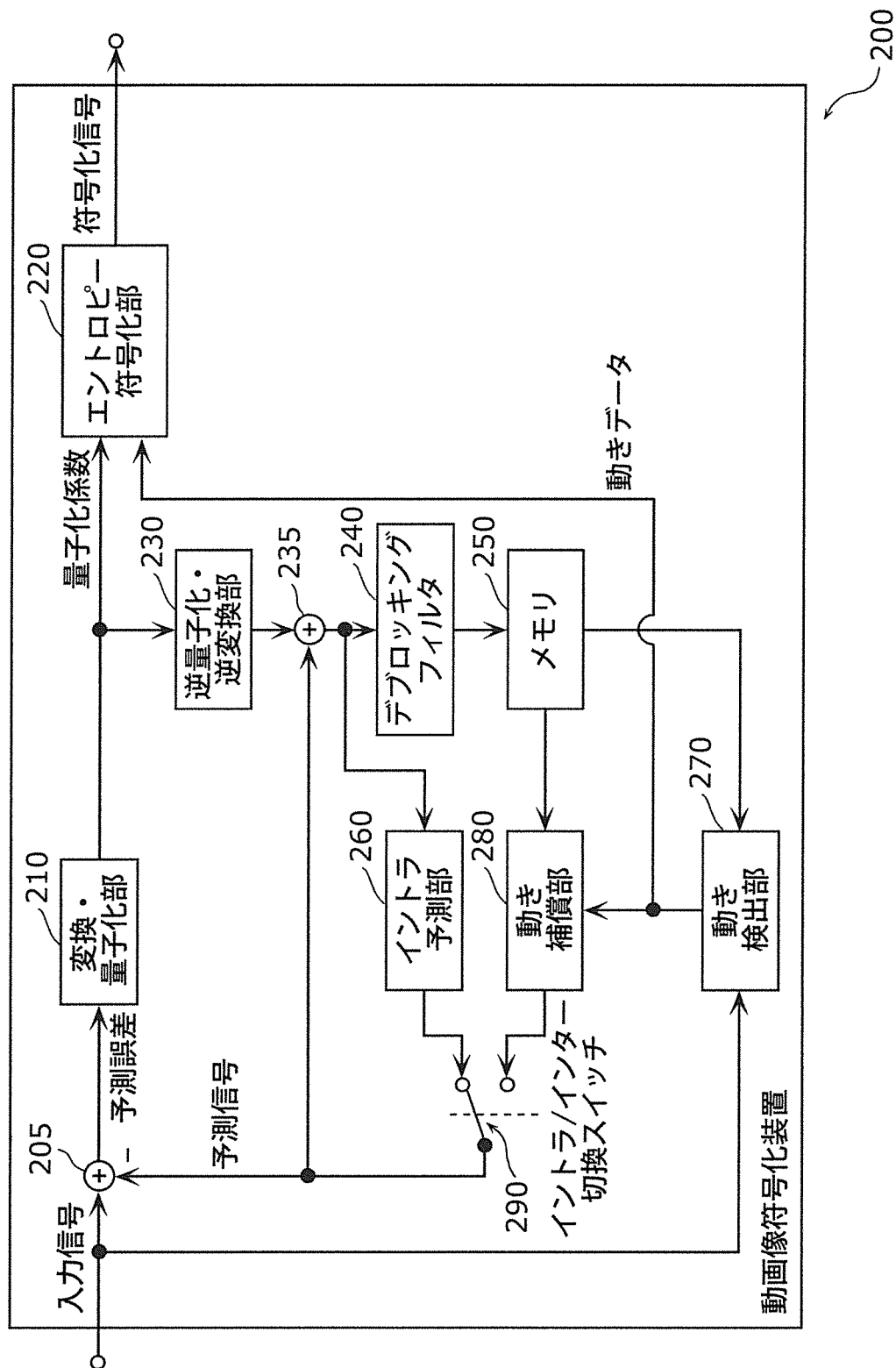
-Otherwise, the following applies.

- ctxIdxInc is set equal to 1.

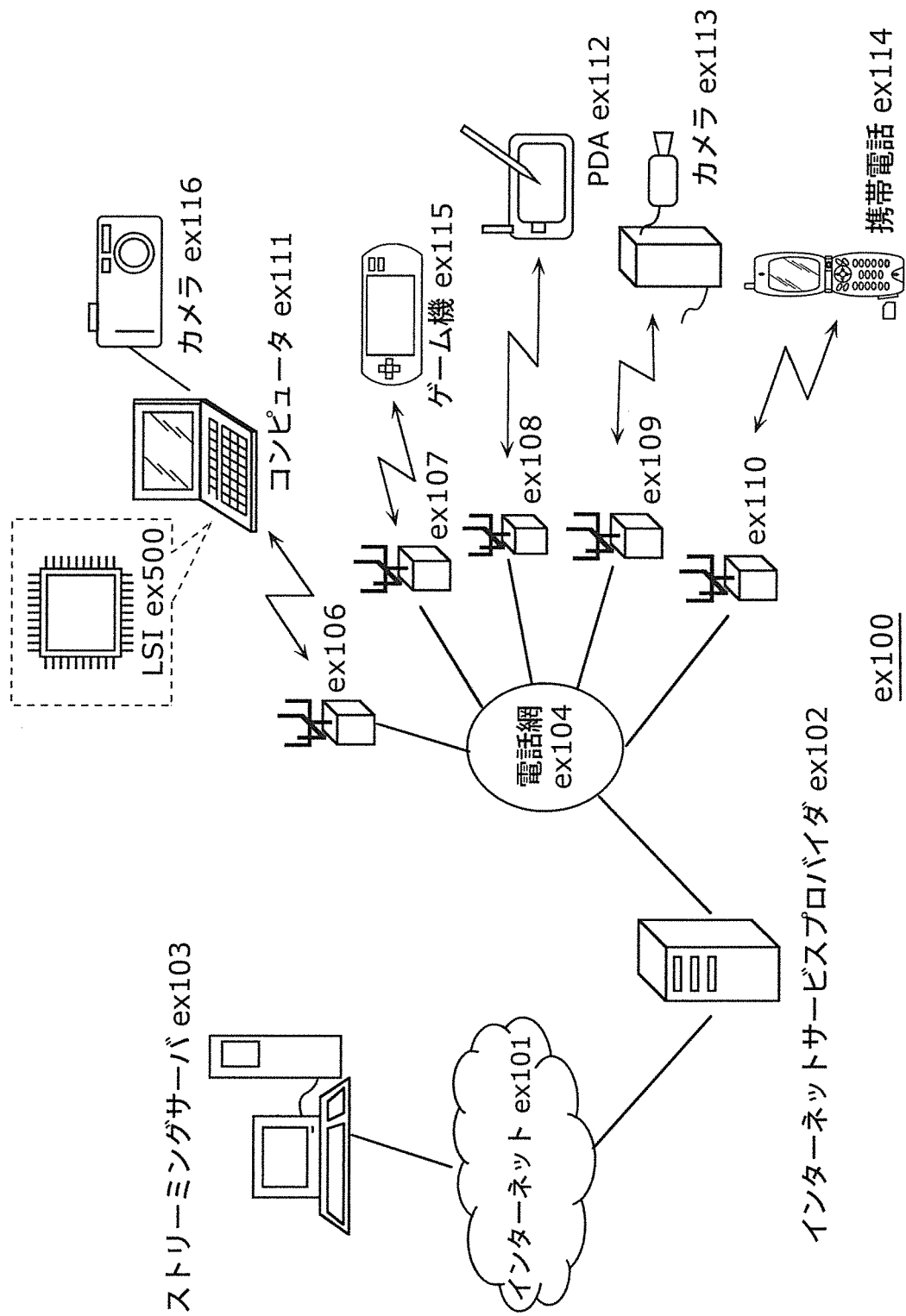
[図7]



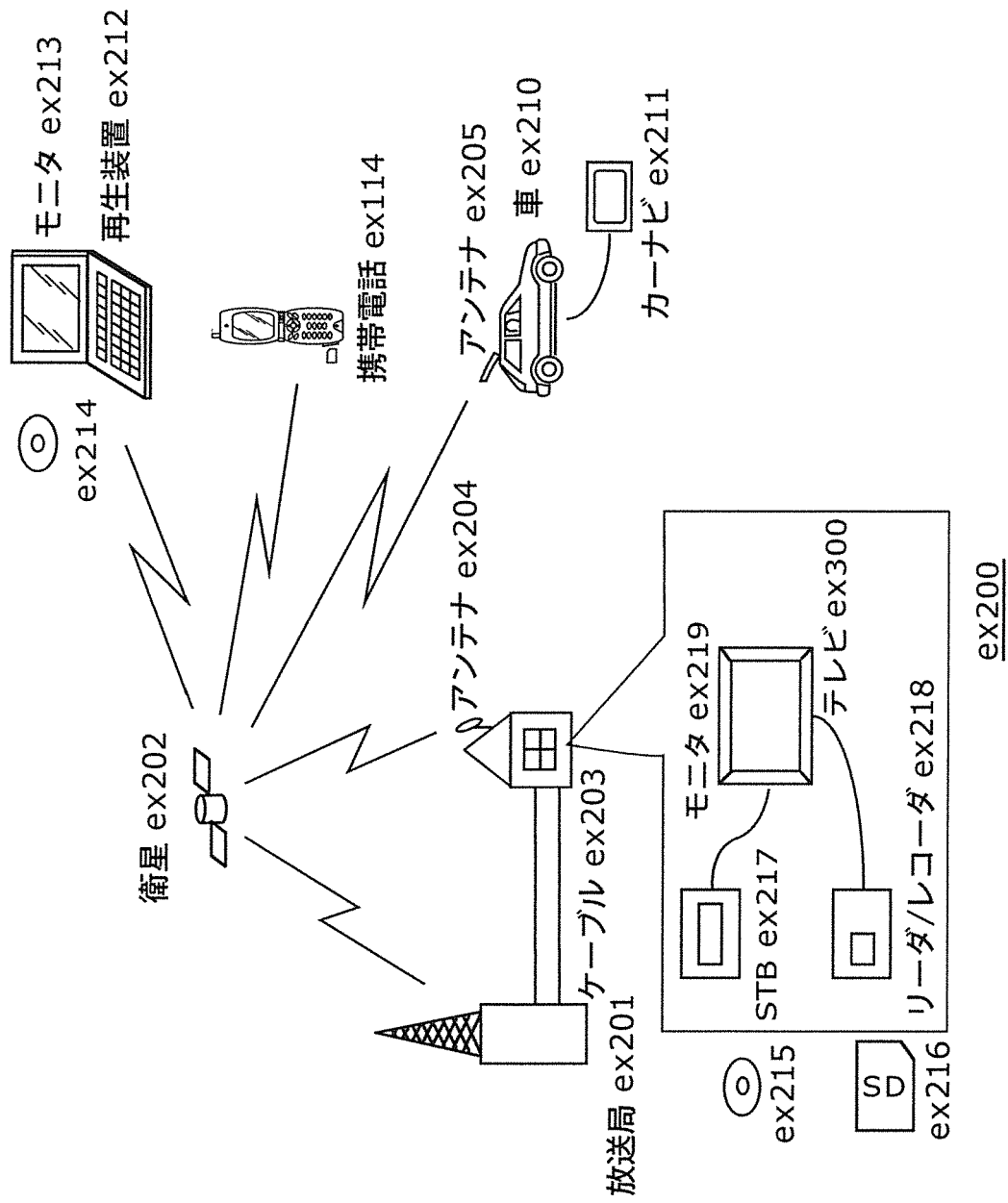
[図8]



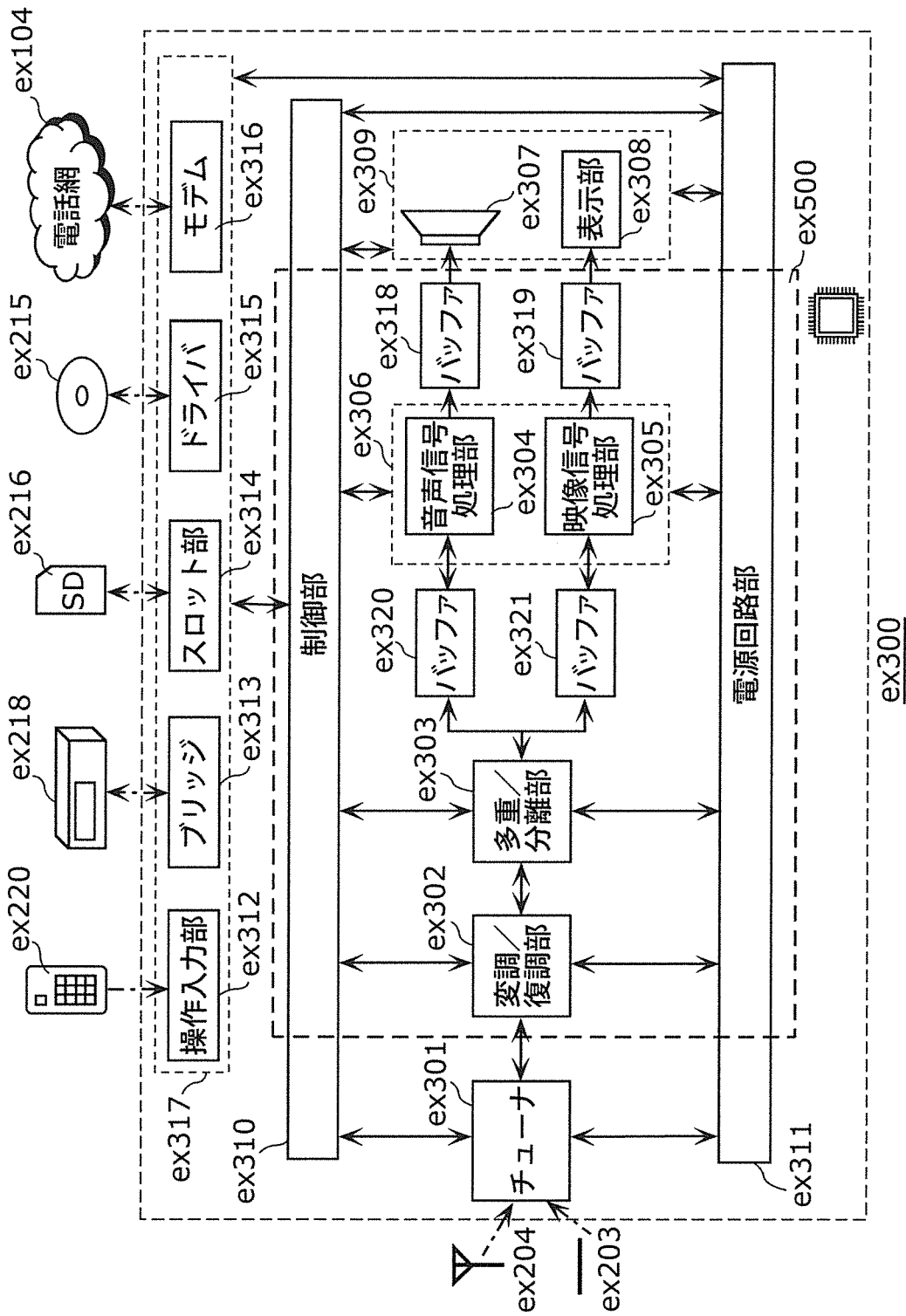
[図9]



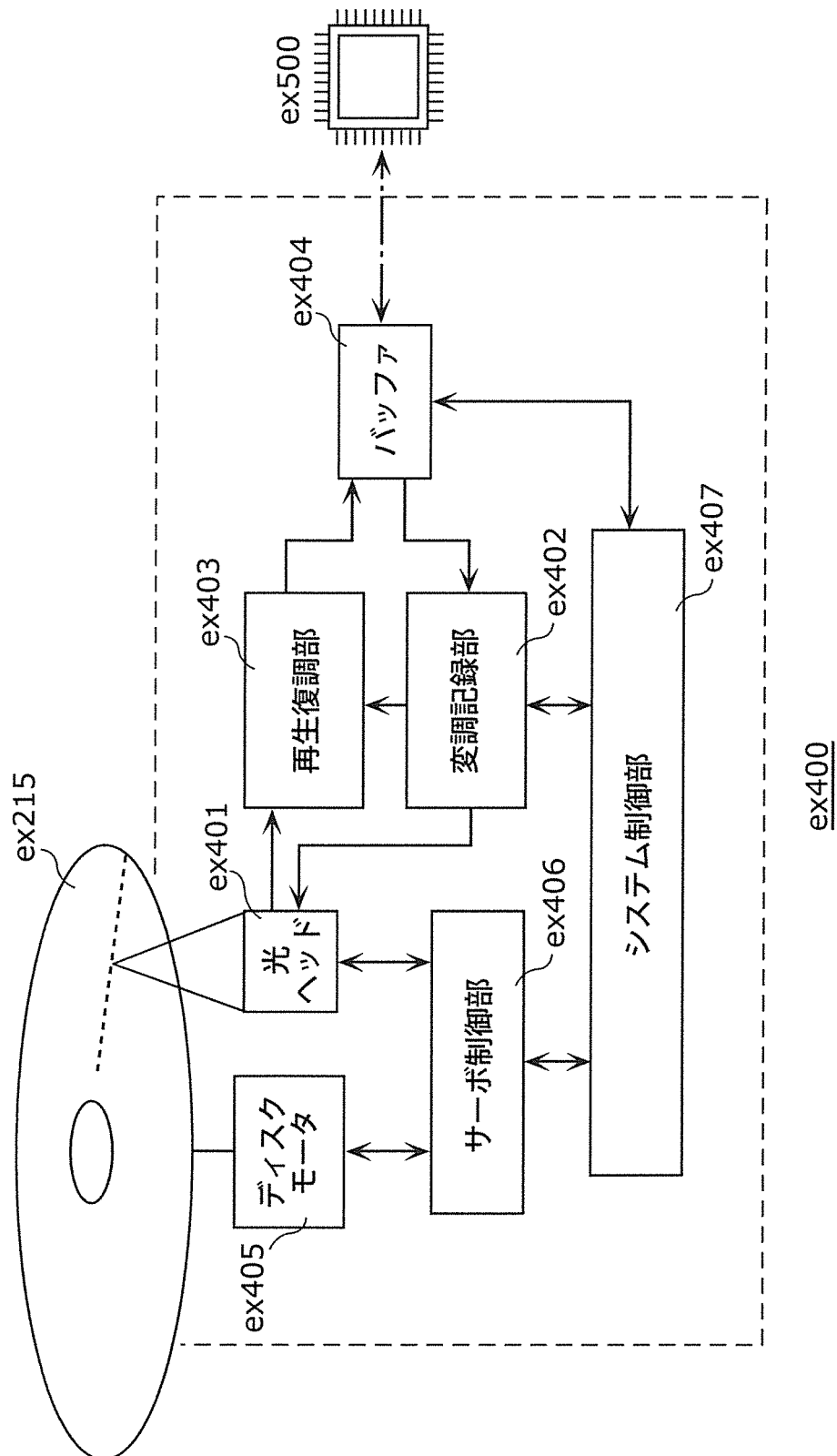
[図10]



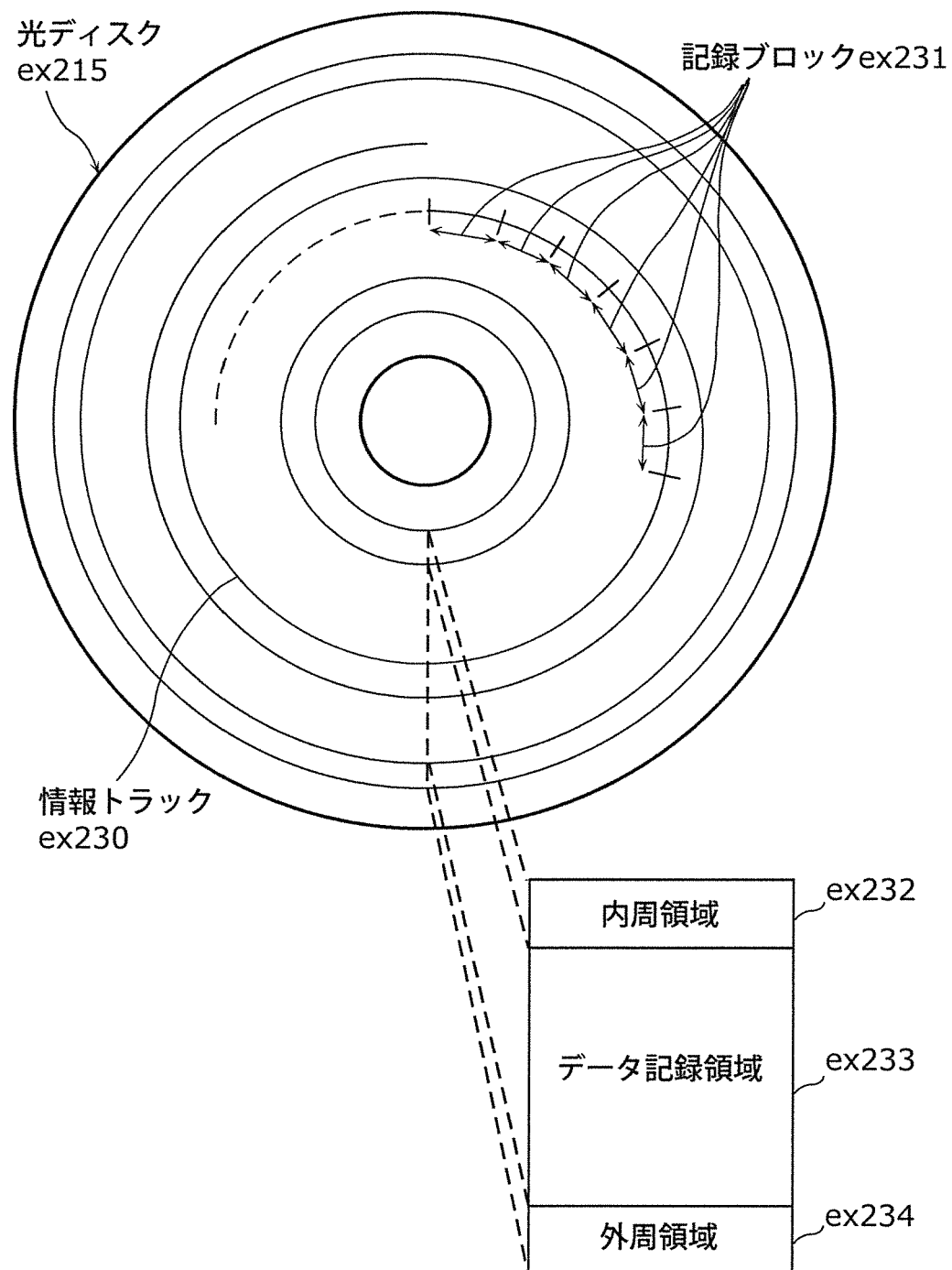
[図11]



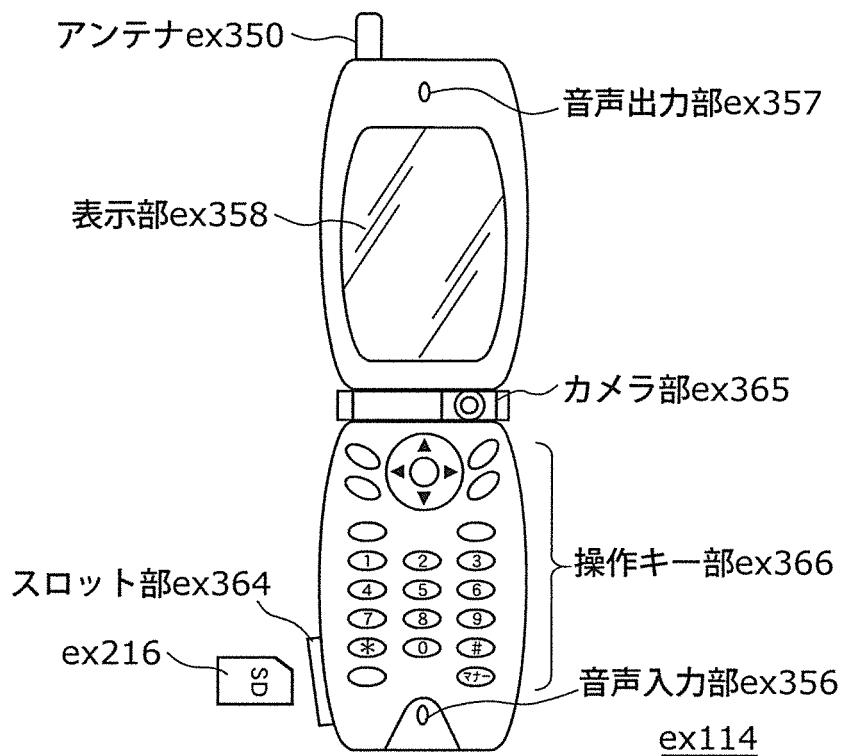
[図12]



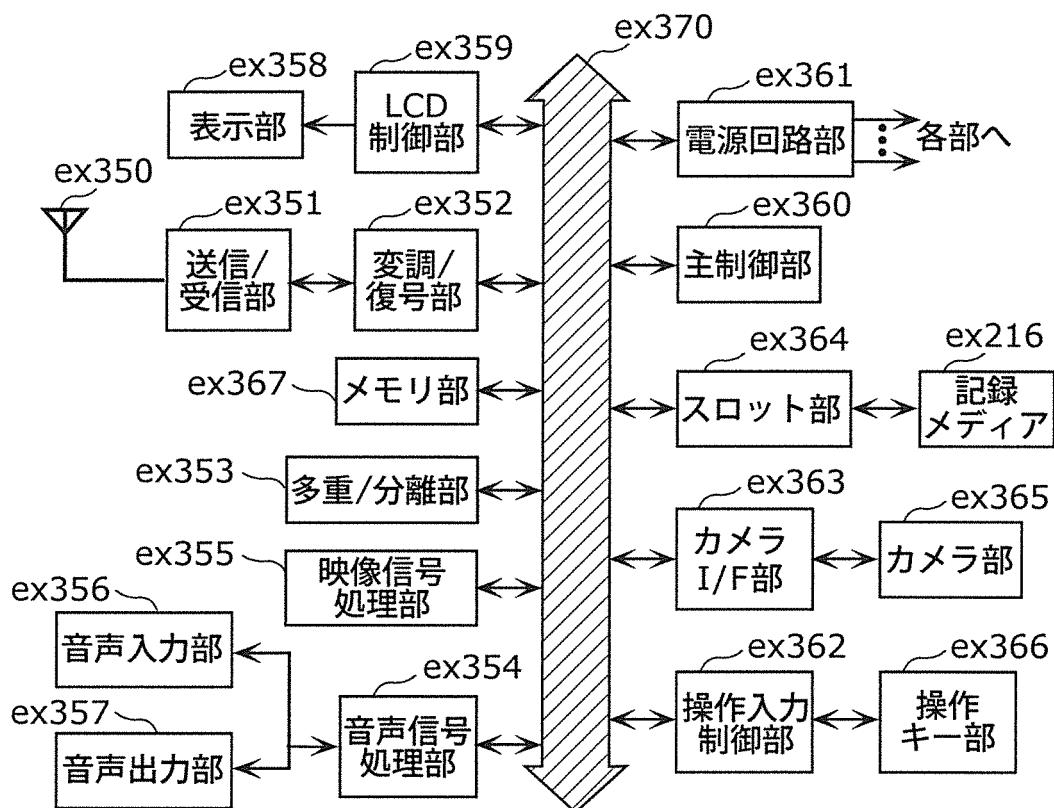
[図13]



[図14A]



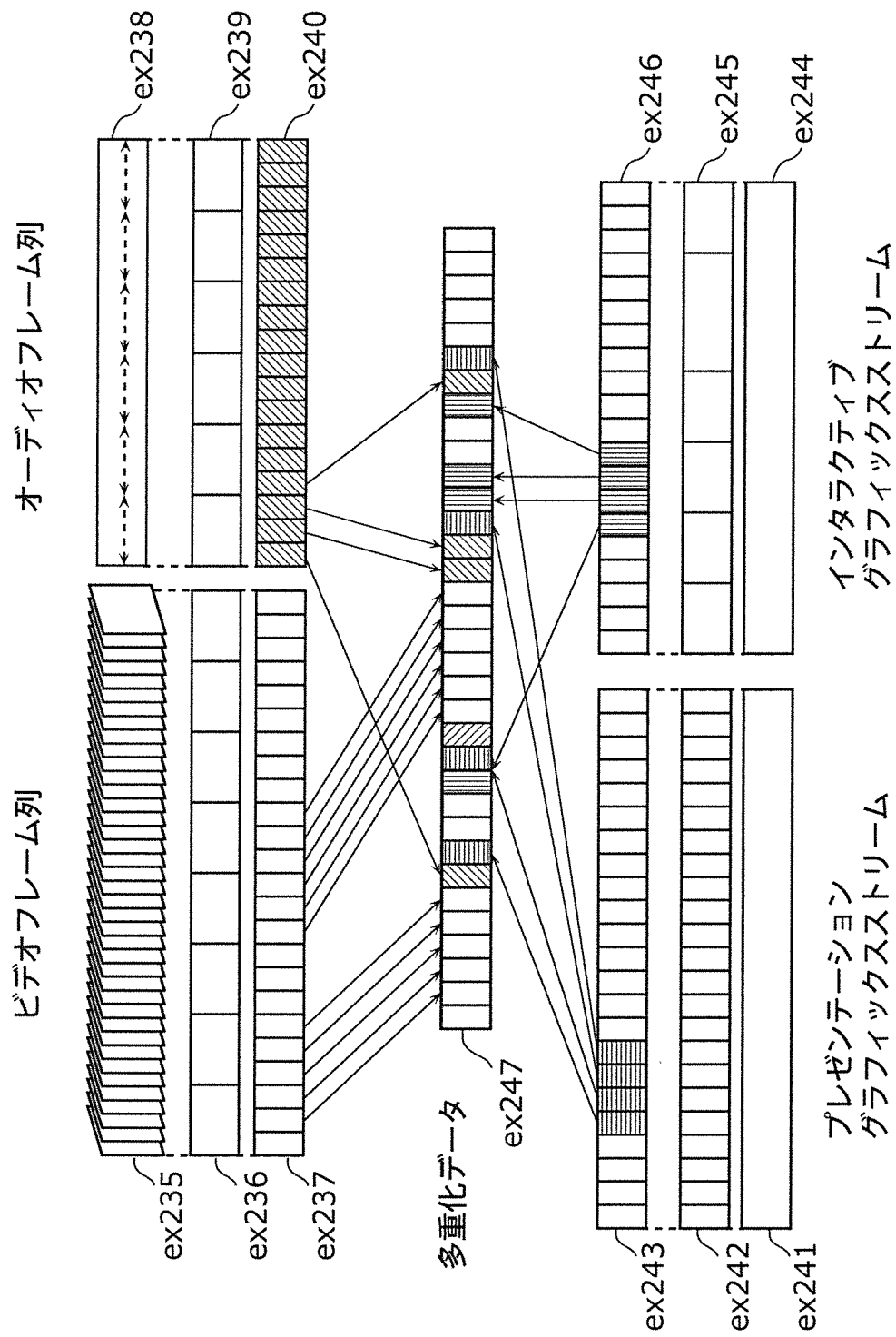
[図14B]



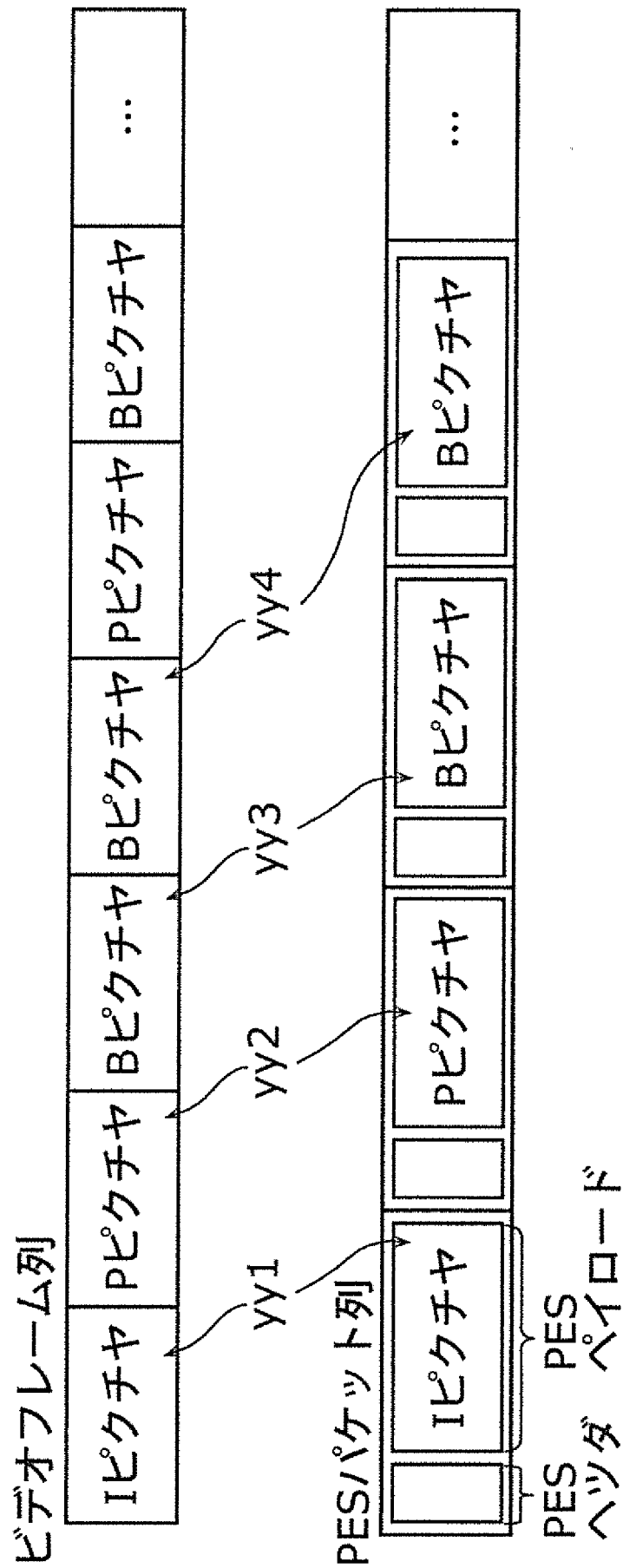
[図15]

ビデオストリーム(PID=0x1011 主映像)
オーディオストリーム(PID=0x1100)
オーディオストリーム(PID=0x1101)
プレゼンテーショングラフィックスストリーム(PID=0x1200)
プレゼンテーショングラフィックスストリーム(PID=0x1201)
インタラクティブグラフィックスストリーム(PID=0x1400)
ビデオストリーム(PID=0x1B00 副映像)
ビデオストリーム(PID=0x1B01 副映像)

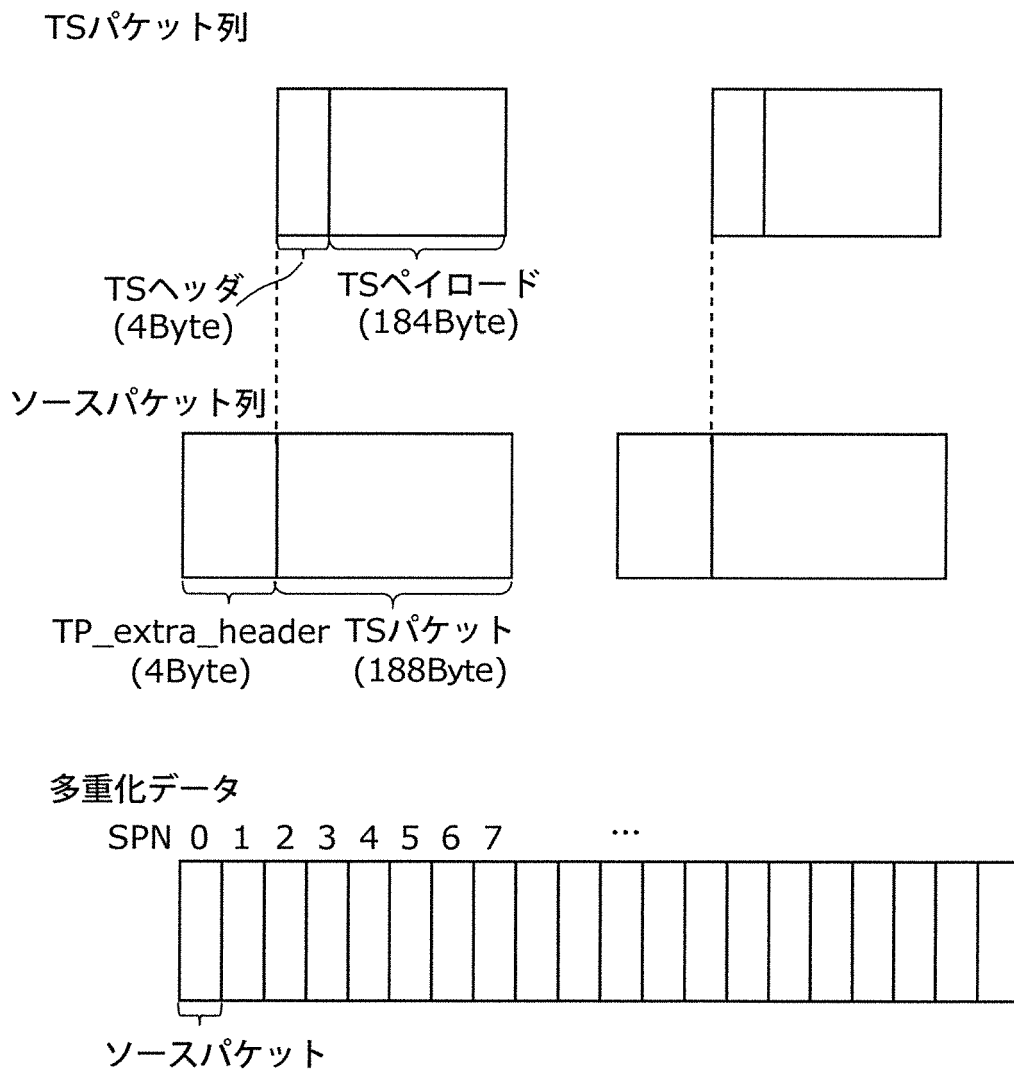
[図16]



[図17]

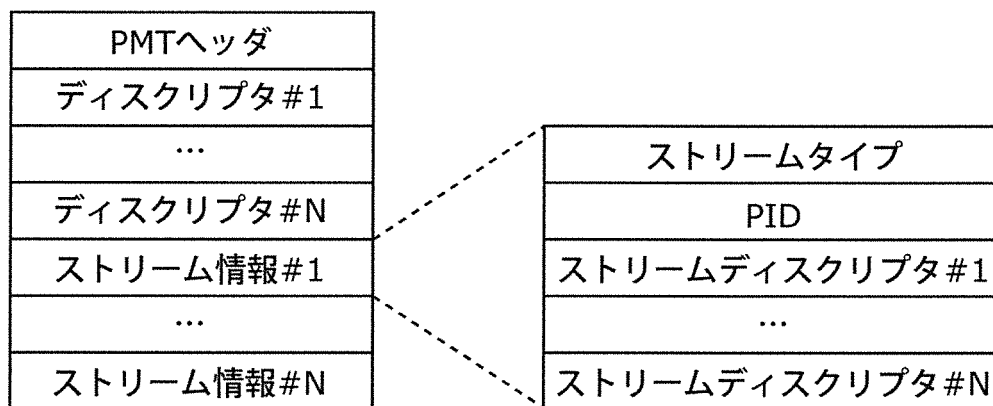


[図18]

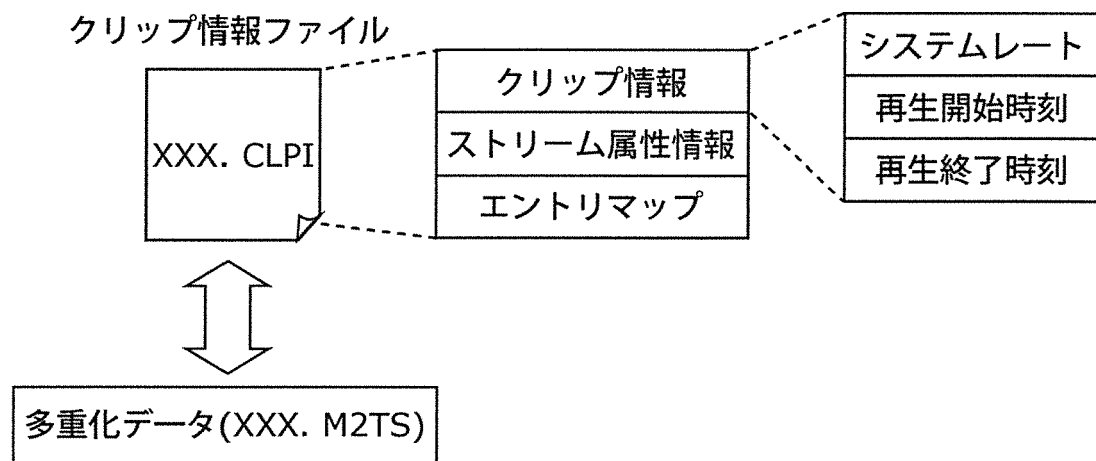


[図19]

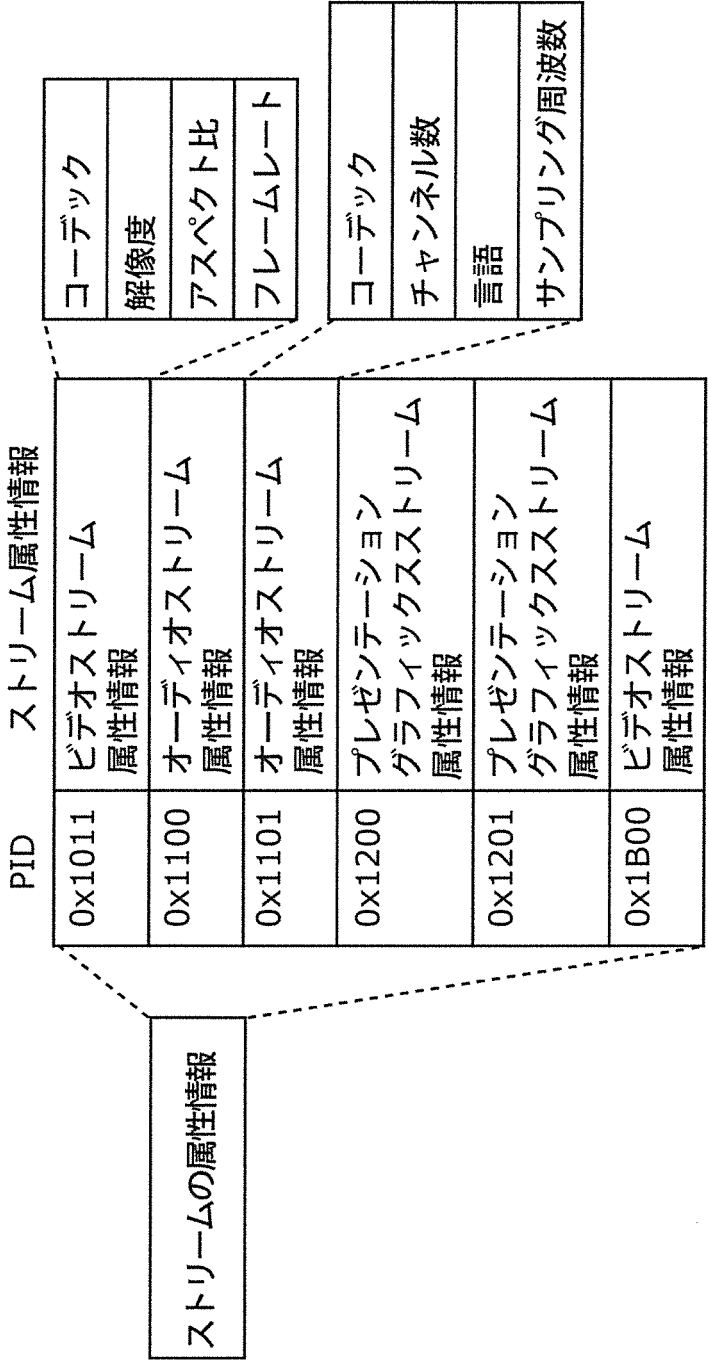
PMTのデータ構造



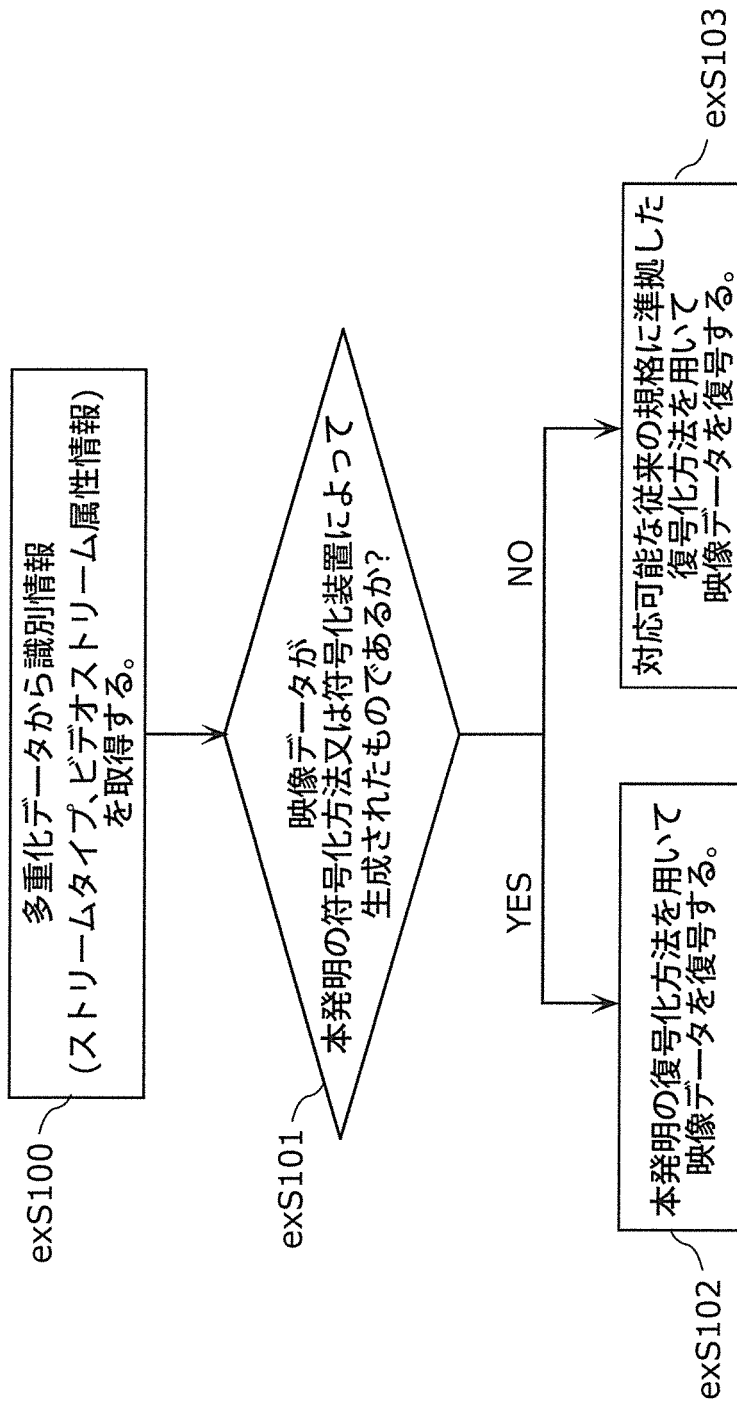
[図20]



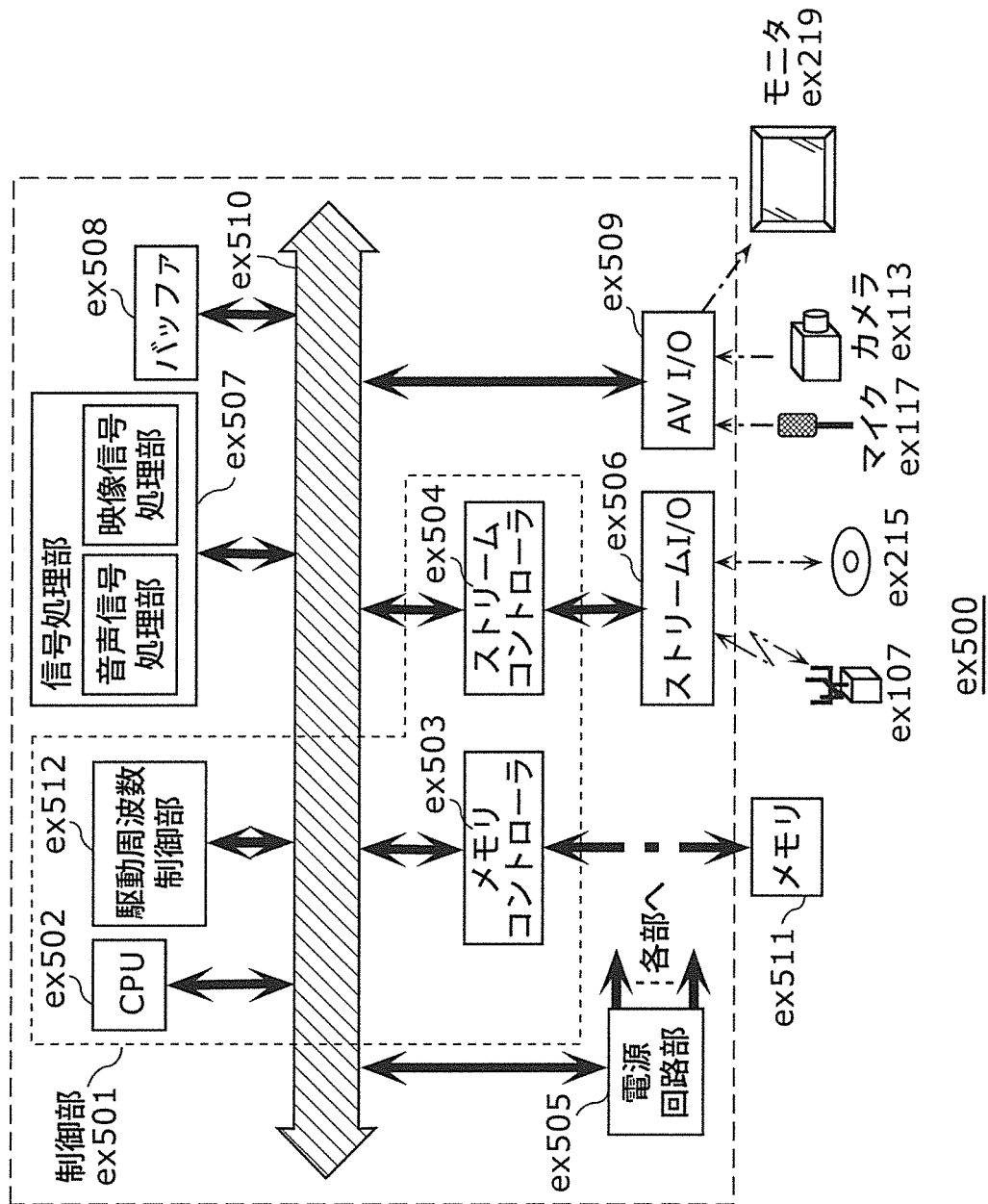
[図21]



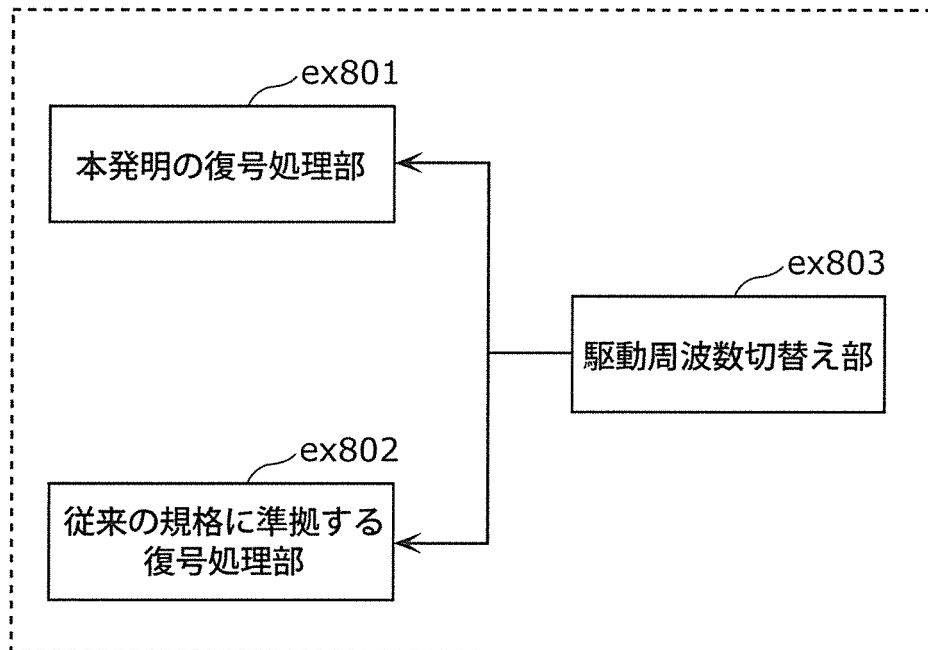
[図22]



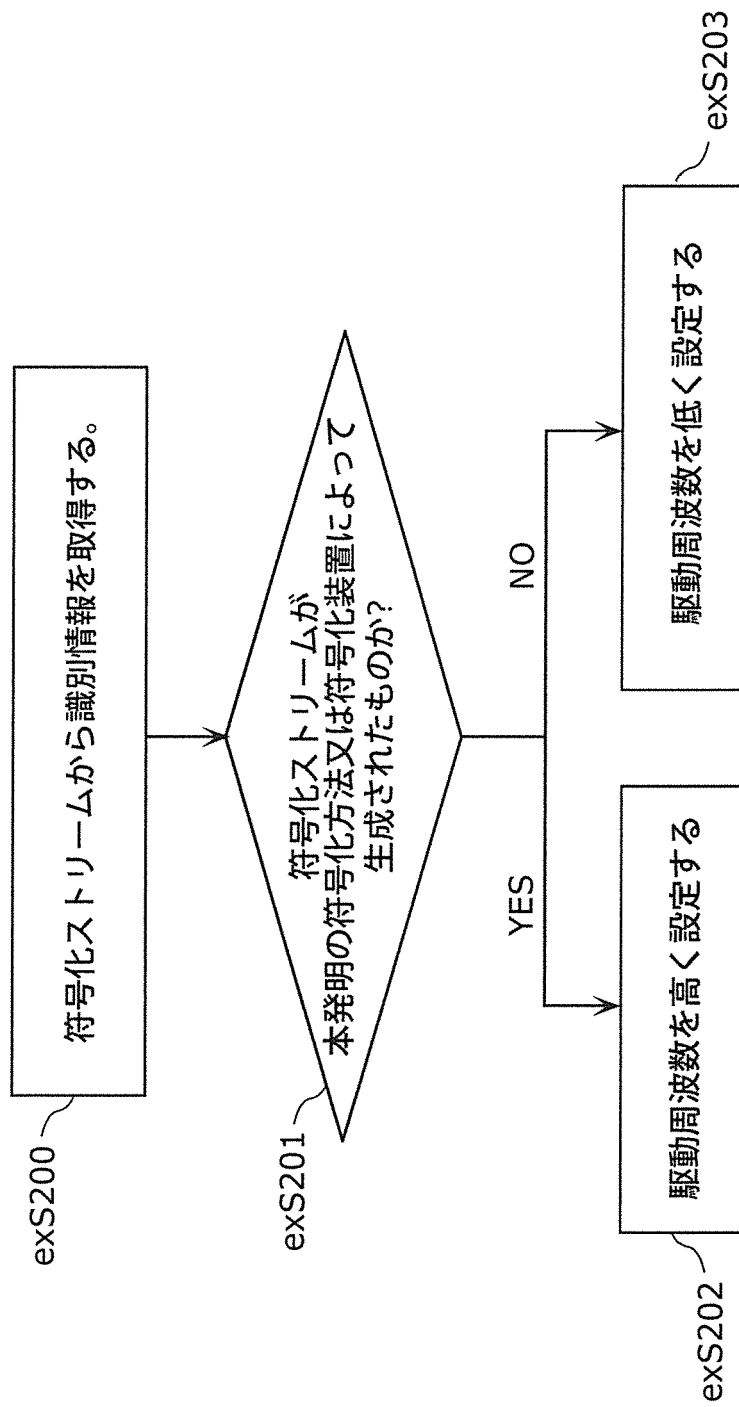
[図23]



[図24]



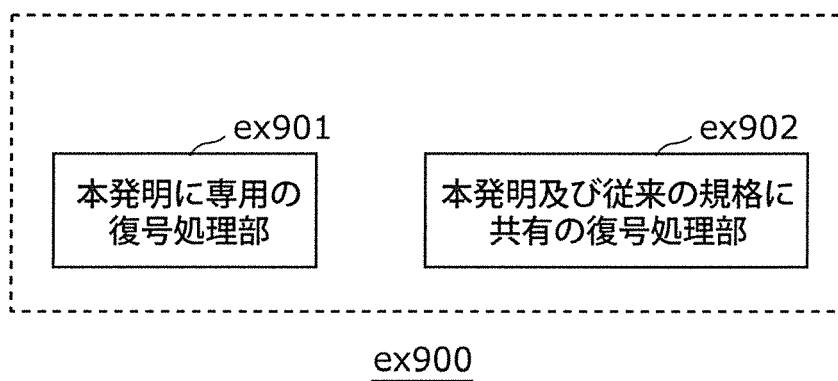
[図25]



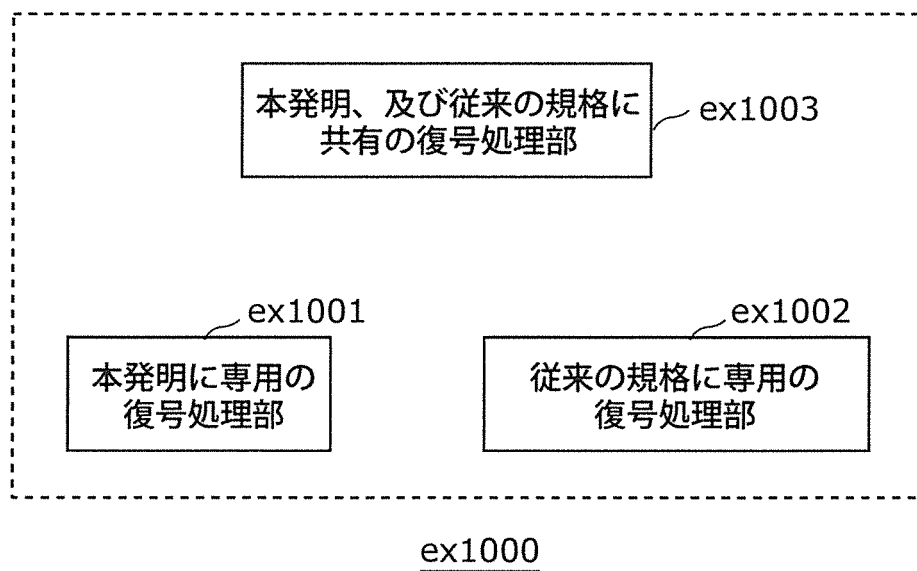
[図26]

対応規格	駆動周波数
MPEG4.AVC	500MHz
MPEG2	350MHz
⋮	⋮

[図27A]



[図27B]



[ 28A]

Table 0000 Association of ctxIdx and syntax elements for each slice type in the initialisation process

	Syntax element	ctxIdxTable	Slice Type		
			I	P	B
transform_tree()	cbf_luma	Table 0001	0..3	4..7	8..11

Table 0001 Values of variable m and n for cbf_luma ctxIdx

Initialisation variables	cbf_luma ctxIdx											
	0	1	2	3	4	5	6	7	8	9	10	11
m	-22	-5	-16	-16	-18	-41	-29	-23	-11	-32	-19	-16
n	116	75	112	111	98	120	117	108	80	83	89	85

[28C]

Table 0002 Syntax elements and associated types of binarization, maxBinIdxCtx, ctxIdxTable, and ctxIdxOffset

Syntax element		Type of binarization	maxBinIdx Ctx	ctxIdxTable	ctxIdxOffset
cbf_luma	I	FL, cMax=1	0	Table 0001	0
	P		0	Table 0001	4
	B		0	Table 0001	8

[28D]

Table 0003 Assignment of ctxIdxInc to binIdx for all ctxIdxTable and ctxIdxOffset values

Syntax element	ctxIdxTable, ctxIdxOffset	binIdx				
		0	1	2	3	>=4
cbf_luma	Table 0001	0,1,2,3 (subclause 9.3.3.1.1.1)	na	na	na	na
		4 0,1,2,3 (subclause 9.3.3.1.1.1)	na	na	na	na
		8 0,1,2,3 (subclause 9.3.3.1.1.1)	na	na	na	na

[図29A]

B01

9.3.3.1.1 Assignment process of ctxIdxInc using neighbouring syntax elements

Subclause 9.3.3.1.1.1 specifies the derivation process of ctxIdxInc for the syntax elements alf_cu_flag, split_coding_unit_flag, skip_flag, merge_flag, intra_chroma_pred_mode, inter_pred_flag, ref_idx_l0, ref_idx_l1, mvd_l0, mvd_l1, mvd_l1c, no_residual_data_flag, cbf_cb and cbf_cr.

9.3.3.1.1 Derivation process of ctxIdxInc using left and above syntax elements

Input to this process is the luma location (xP, yP) specifying the top-left luma sample of the current prediction unit relative to the top-left sample of the current picture.

Output of this process is ctxIdxInc.

Let the luma location (xL, yL) specify a location covered by the prediction unit to the left of the top-left luma sample of the current prediction unit with $xL = xP - \text{MinPuSize}$ and $yL = yP$, the variable availableL is derived as follows.

- If the prediction unit covering location (xL, yL) is available, availableL is set equal to 1.
- Otherwise (the prediction unit covering location (xL, yL) is not available), availableL is set equal to 0.

Let the luma location (xA, yA) specify a location covered by the prediction unit above the top-left luma sample of the current prediction unit with $xA = xP$ and $yA = yP - \text{MinPuSize}$, the variable availableA is derived as follows

- If the prediction unit covering location (xA, yA) is available, availableA is set equal to 1.
- Otherwise (the prediction unit covering location (xA, yA) is not available), availableA is set equal to 0

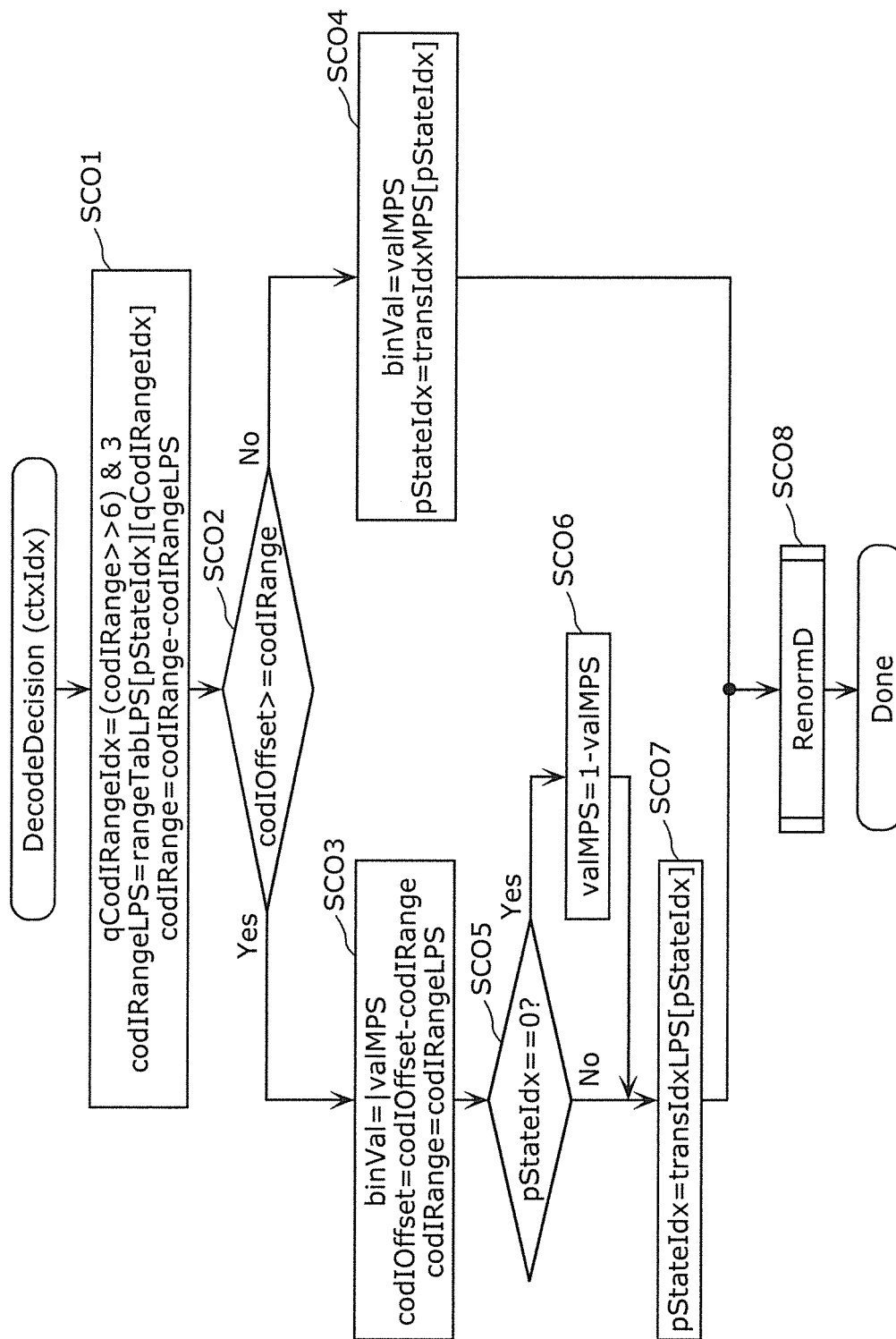
The assignment of ctxIdxInc for the syntax elements alf_cu_flag, split_coding_unit_flag, skip_flag, merge_flag, intra_chroma_pred_mode, inter_pred_flag, ref_idx_l0, ref_idx_l1, mvd_l0, mvd_l1c, mvd_l1, no_residual_data_flag, cbf_luma, cbf_cb and cbf_cr is specified in Table 9-50.

[図29B]

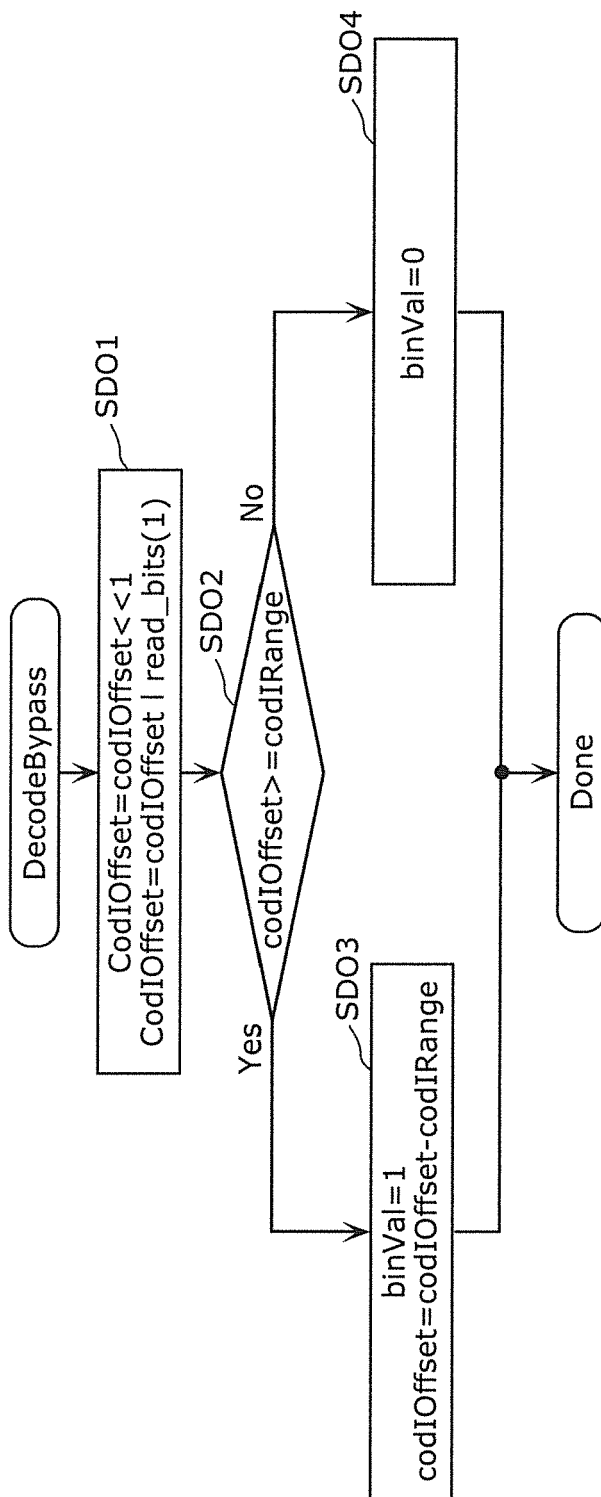
Table 9-50- Specification of ctxIdxInc using left and above syntax elements

Syntax element	condL	condA	ctxIdxInc
cbf_luma	cbf_luma[xL][yL]	cbf_luma[xA][yA]	(condL && availableL)+ (condA && availableA) <<1

[図30]



[図31]



[図32]

