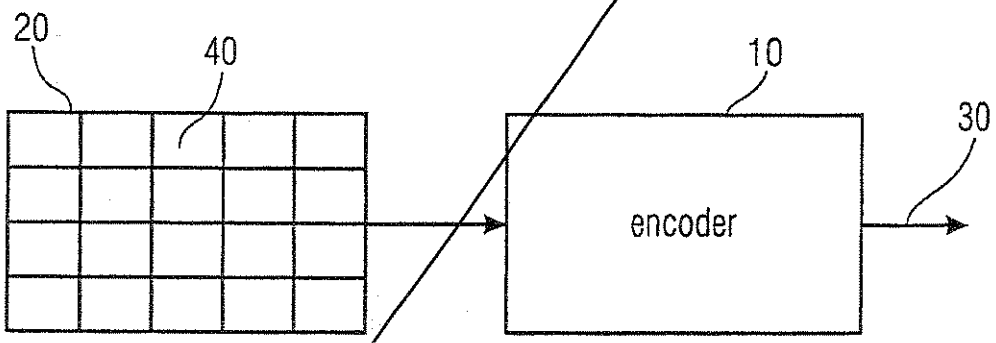


FIG 1

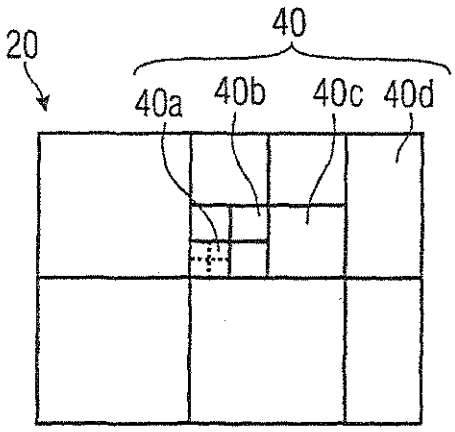


FIG 2A

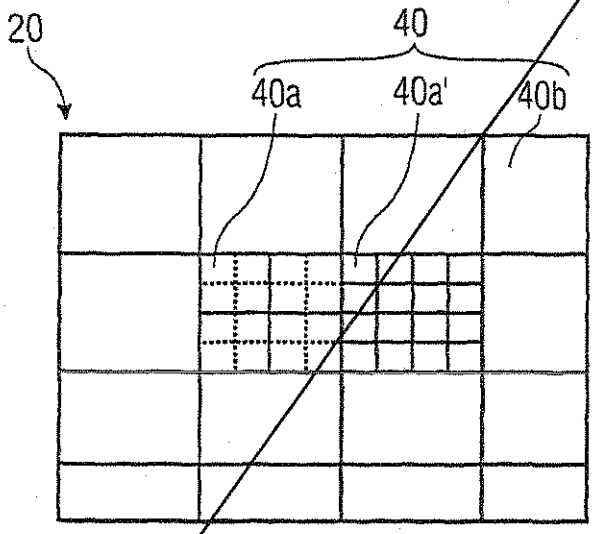


FIG 2B

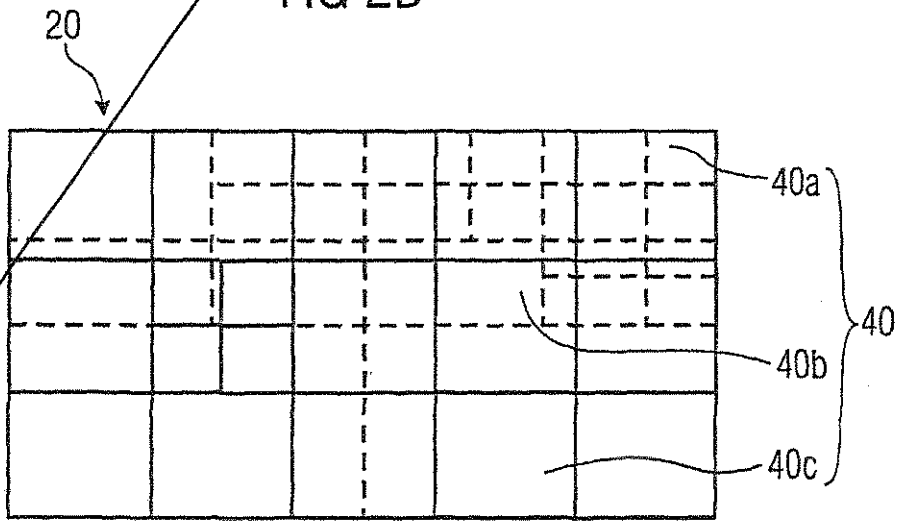


FIG 2C

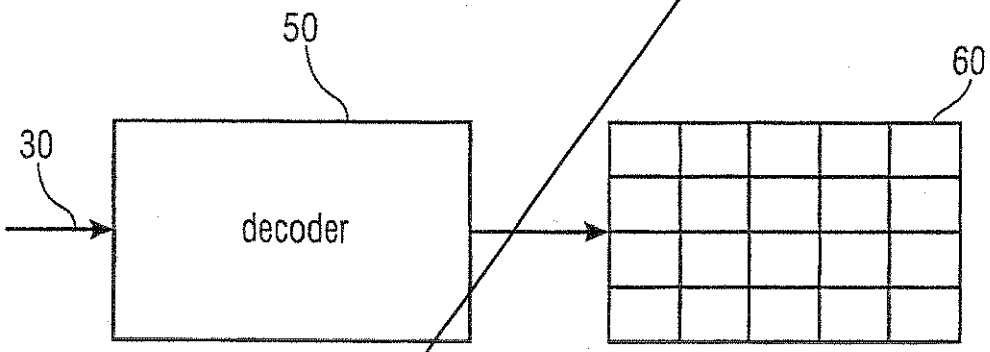


FIG 3

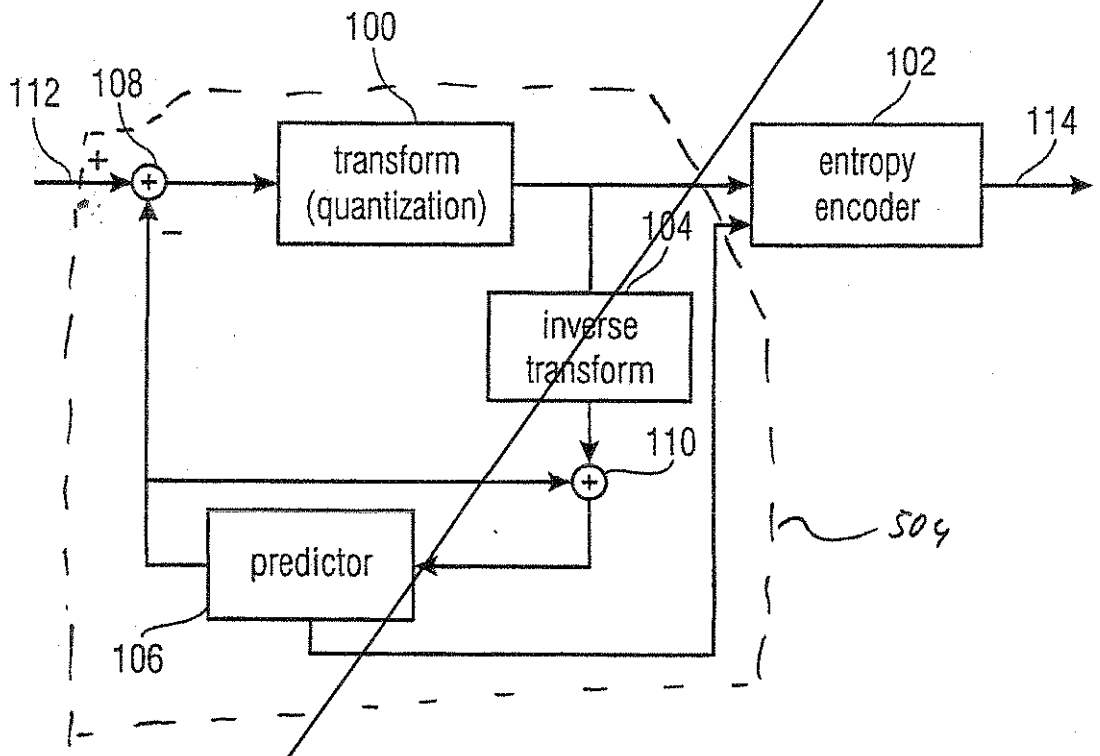

100
102
112
108
114
transform
(quantization)
entropy
encoder
104
inverse
transform
110
predictor
106
50q

FIG 4

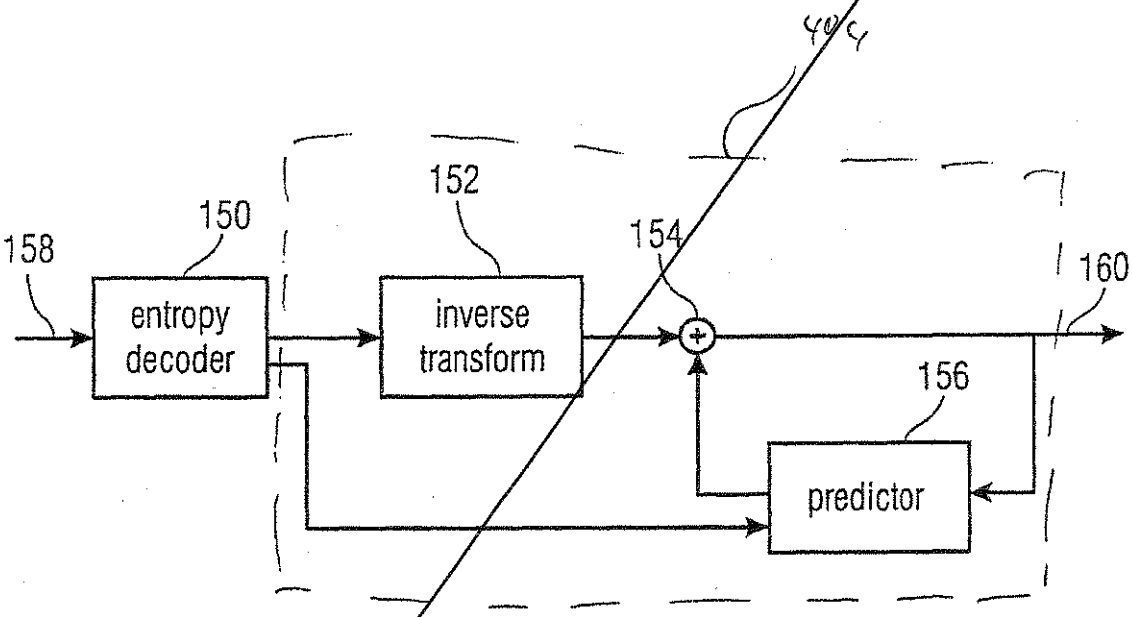

404
158
150
entropy decoder
152
inverse transform
154
160
156
predictor

FIG 5

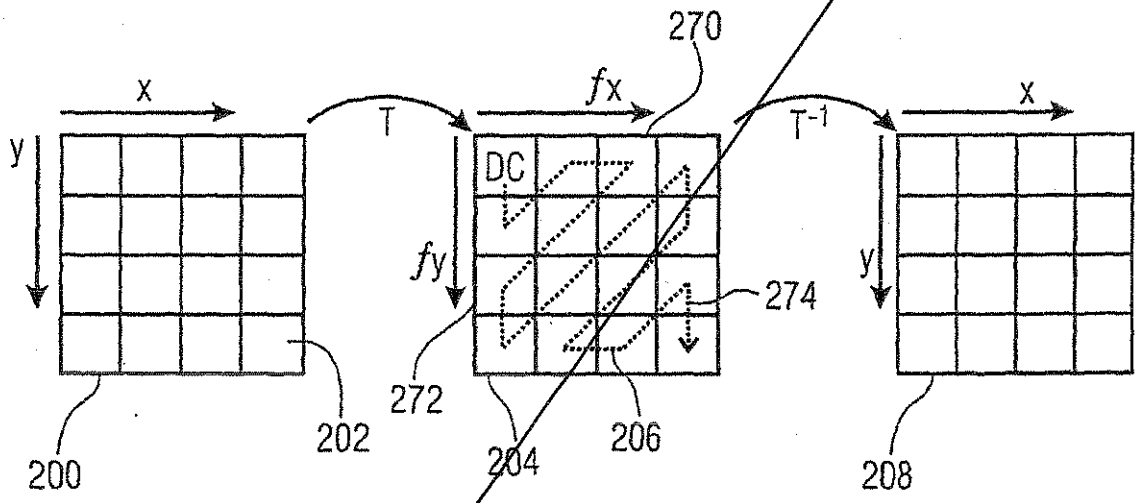


FIG 6

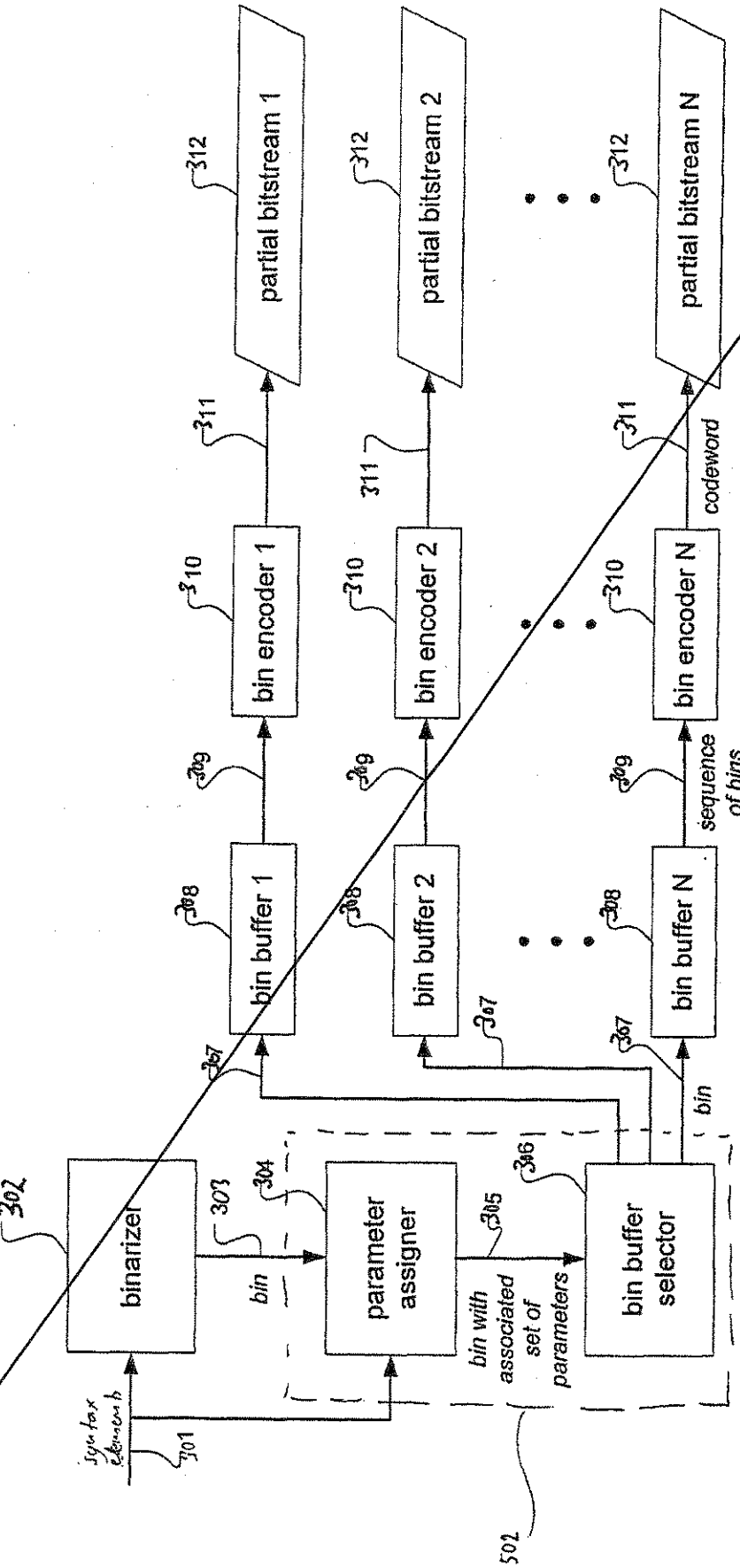

binarizer
bin
parameter assigner
bin with associated set of parameters
bin buffer selector
bin
sequence of bins
codeword
bin buffer 1
bin buffer 2
bin buffer N
bin encoder 1
bin encoder 2
bin encoder N
partial bitstream 1
partial bitstream 2
partial bitstream N
301
302
303
304
305
306
307
308
309
310
311
312
502

Figure 7

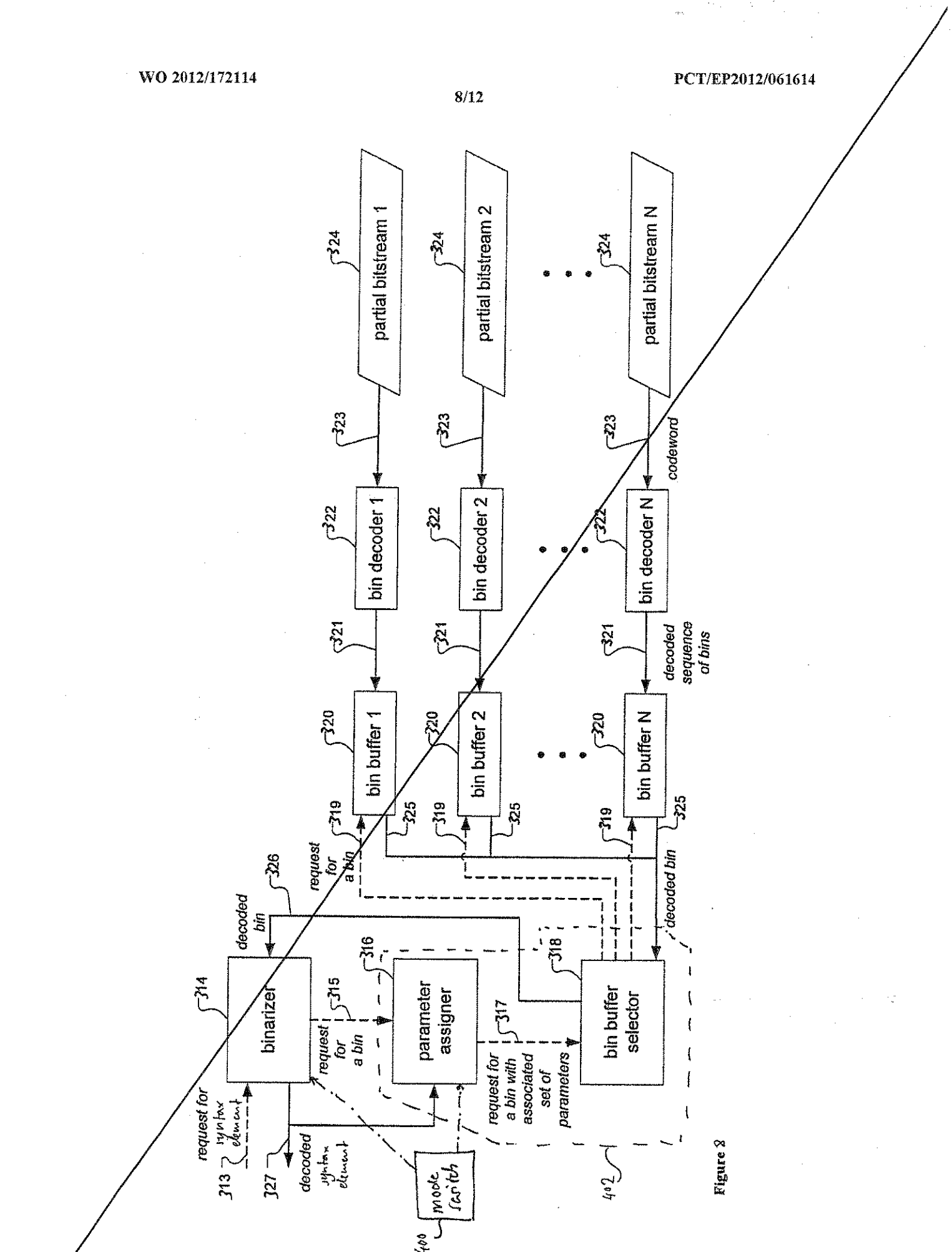

partial bitstream 1
partial bitstream 2
partial bitstream N
bin decoder 1
bin decoder 2
bin decoder N
bin buffer 1
bin buffer 2
bin buffer N
binarizer
parameter assigner
bin buffer selector
mode switch
request for a bin
decoded bin
request for a bin with associated set of parameters
request for syntax element
decoded syntax element
codeword
decoded sequence of bins
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
400
402

Figure 8

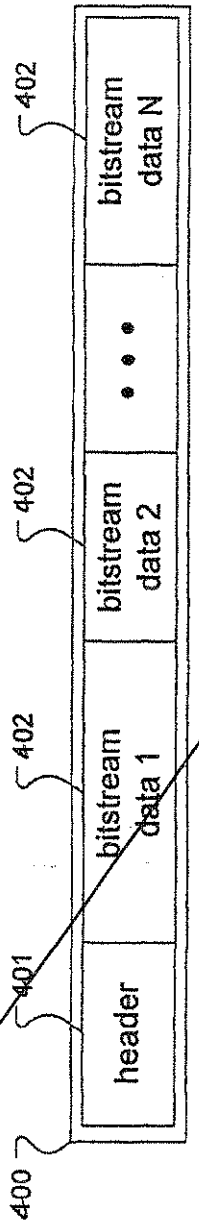


Figure 9

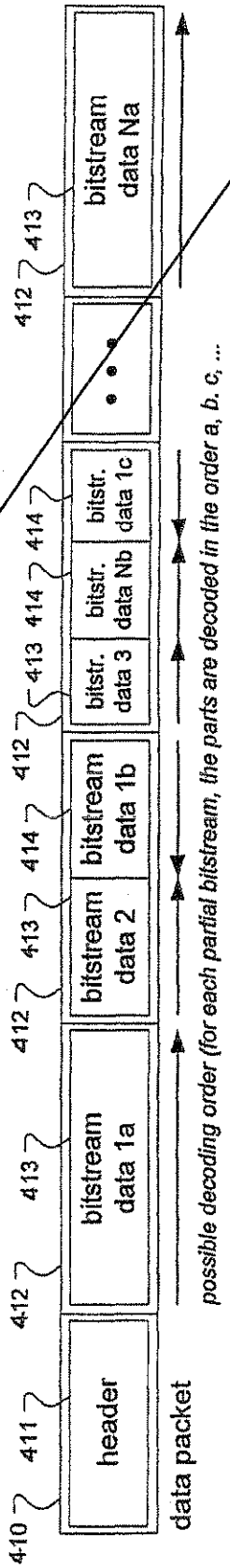


Figure 10

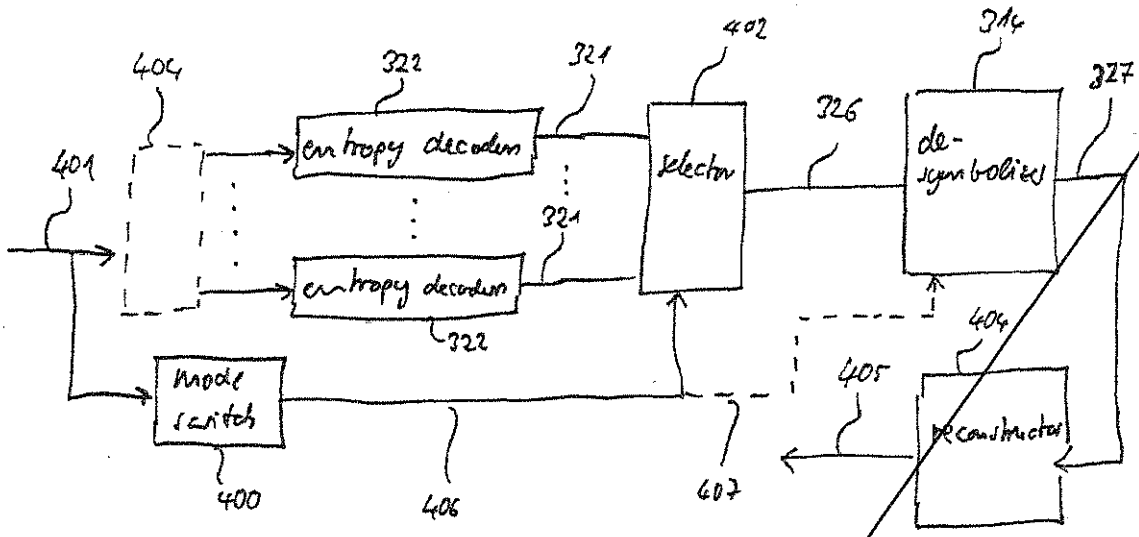


Fig. 11

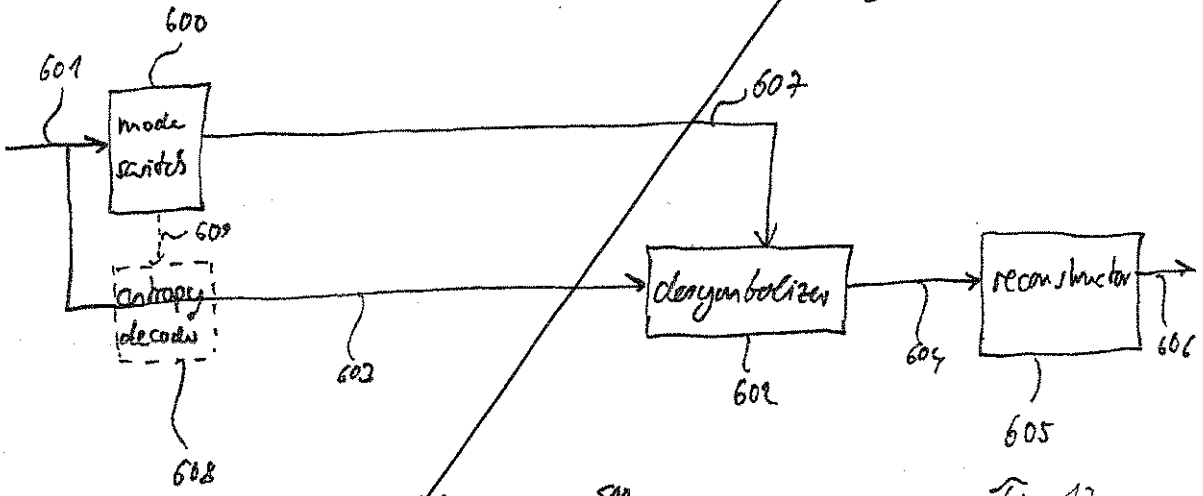


Fig. 12

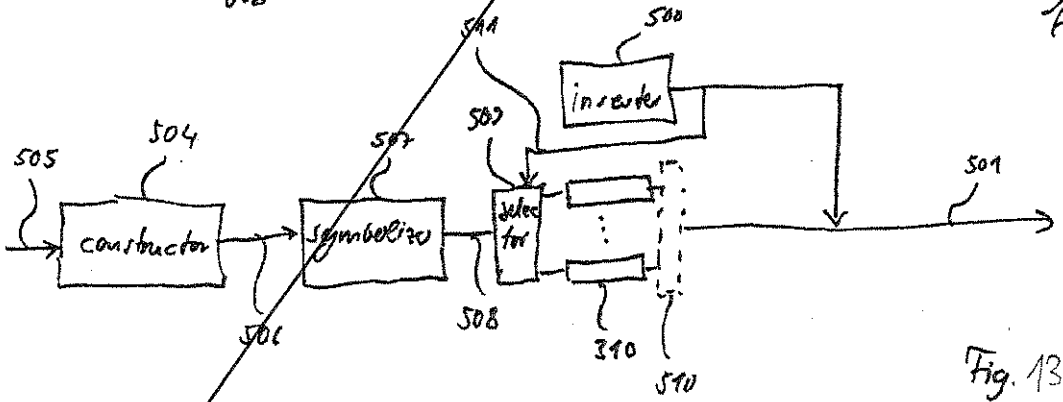


Fig. 13

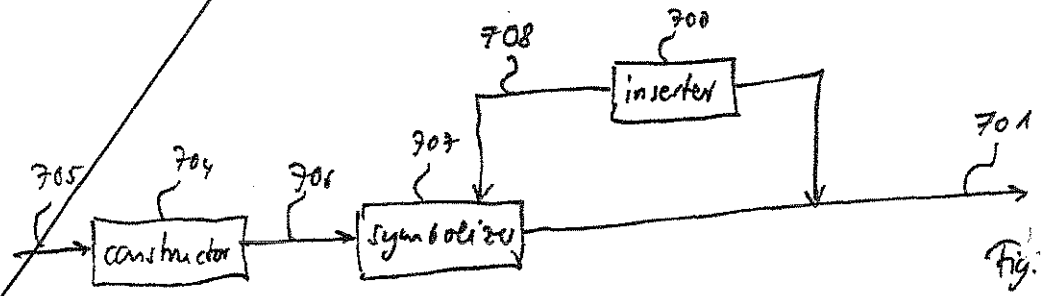


Fig. 14

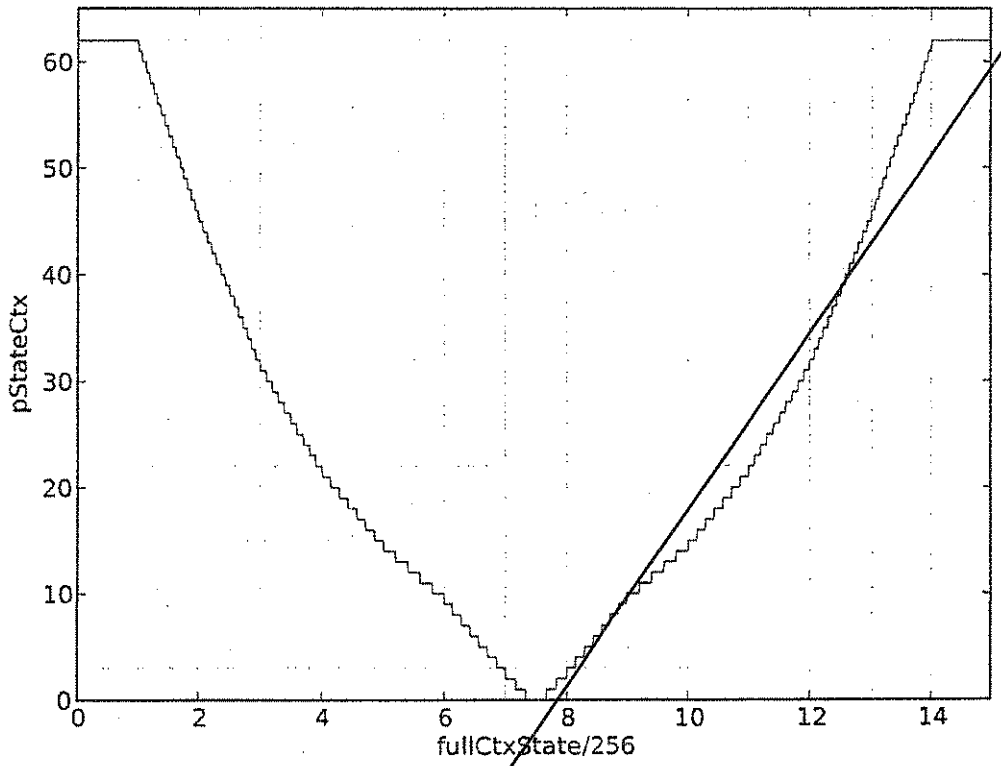
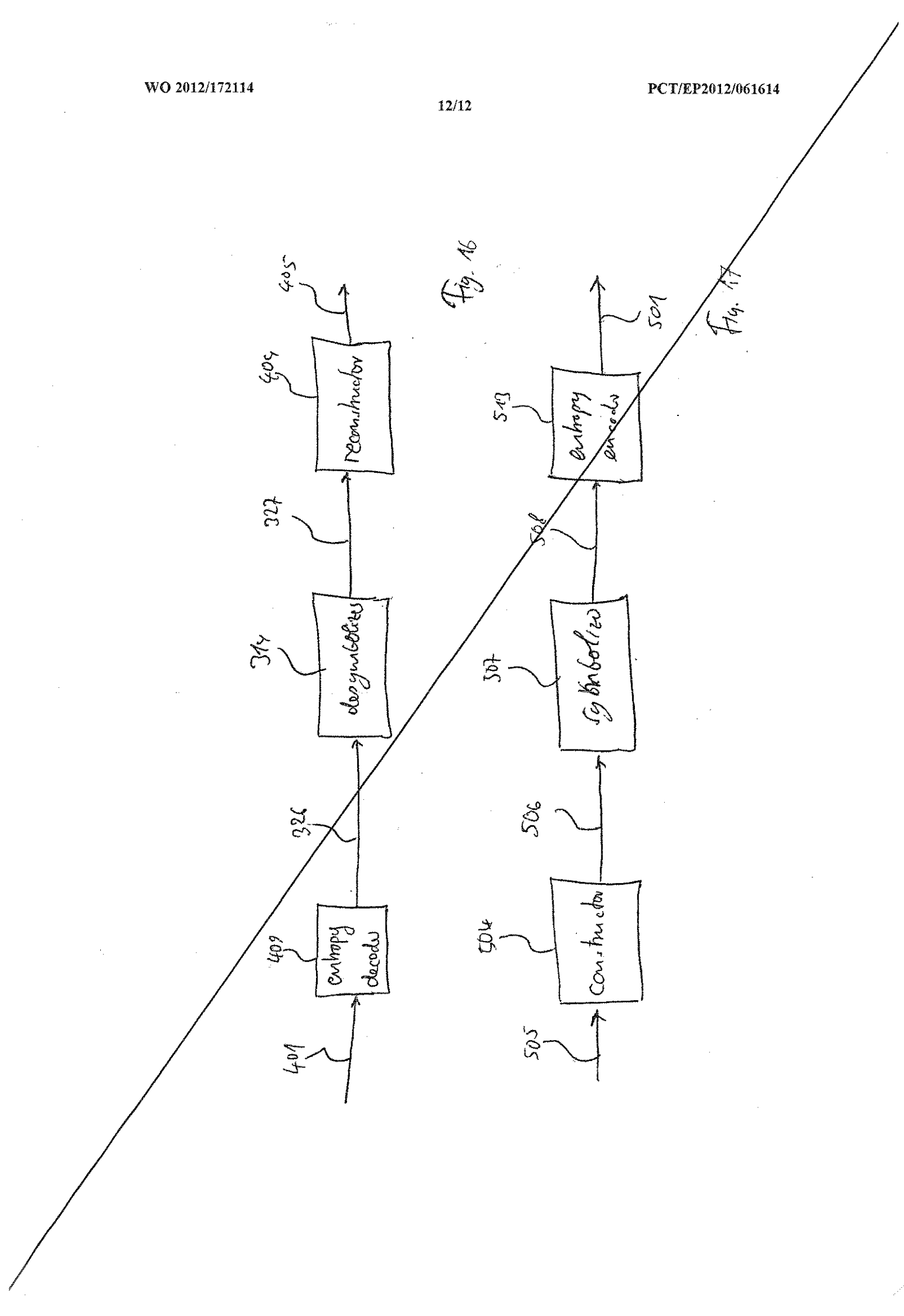


Fig. 15


401
entropy decoder
409
325
desymbolizer
314
327
reconstructor
404
405
Fig. 16
505
Constructor
504
506
symbolizer
307
508
entropy encoder
513
501
Fig. 17

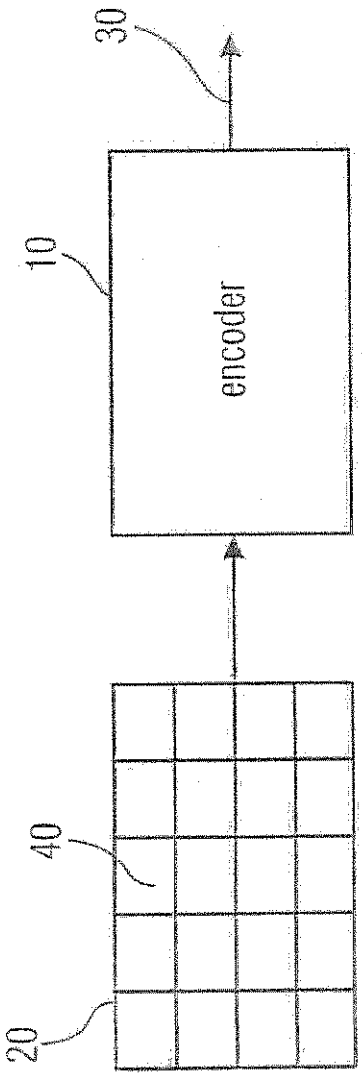


FIGURE 1

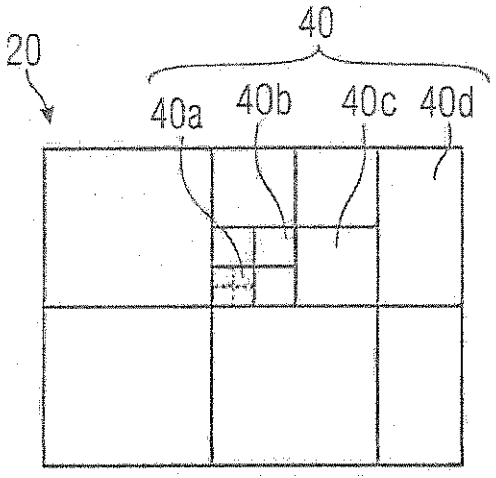


FIGURE 2A

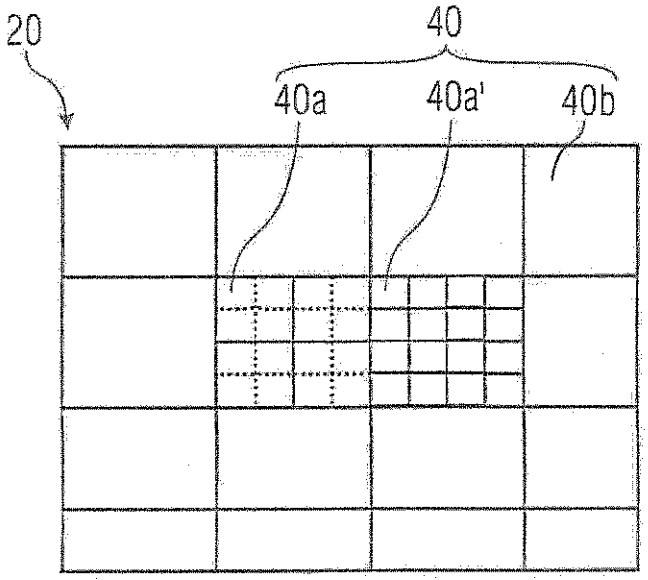


FIGURE 2B

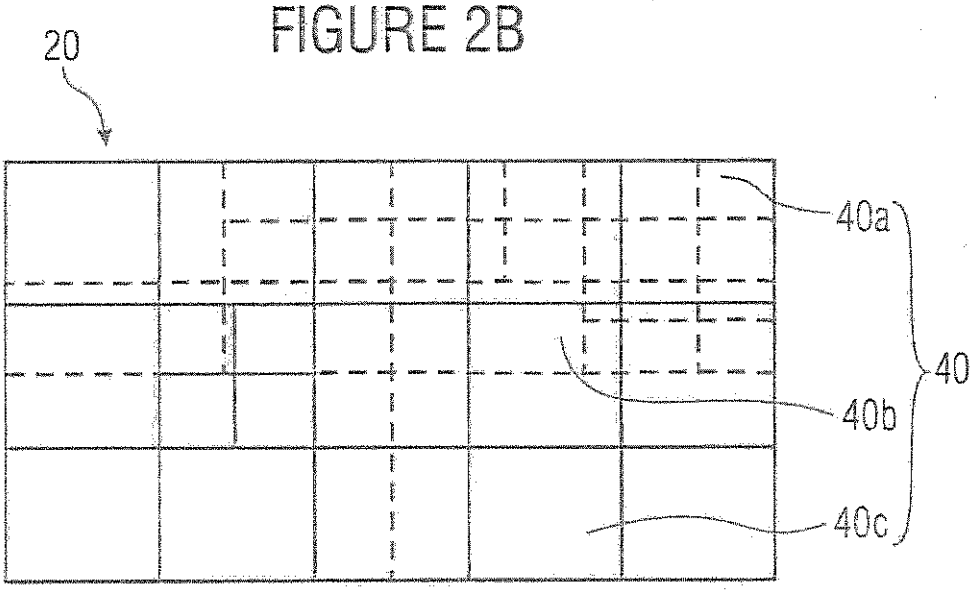


FIGURE 2C

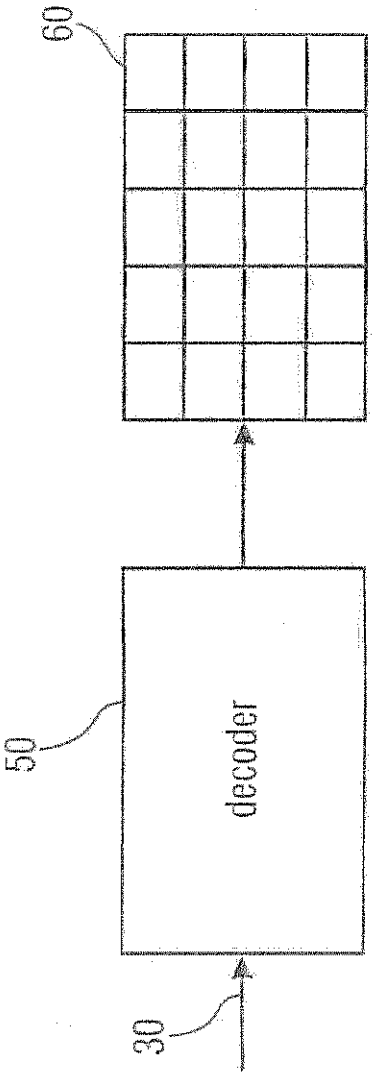


FIGURE 3

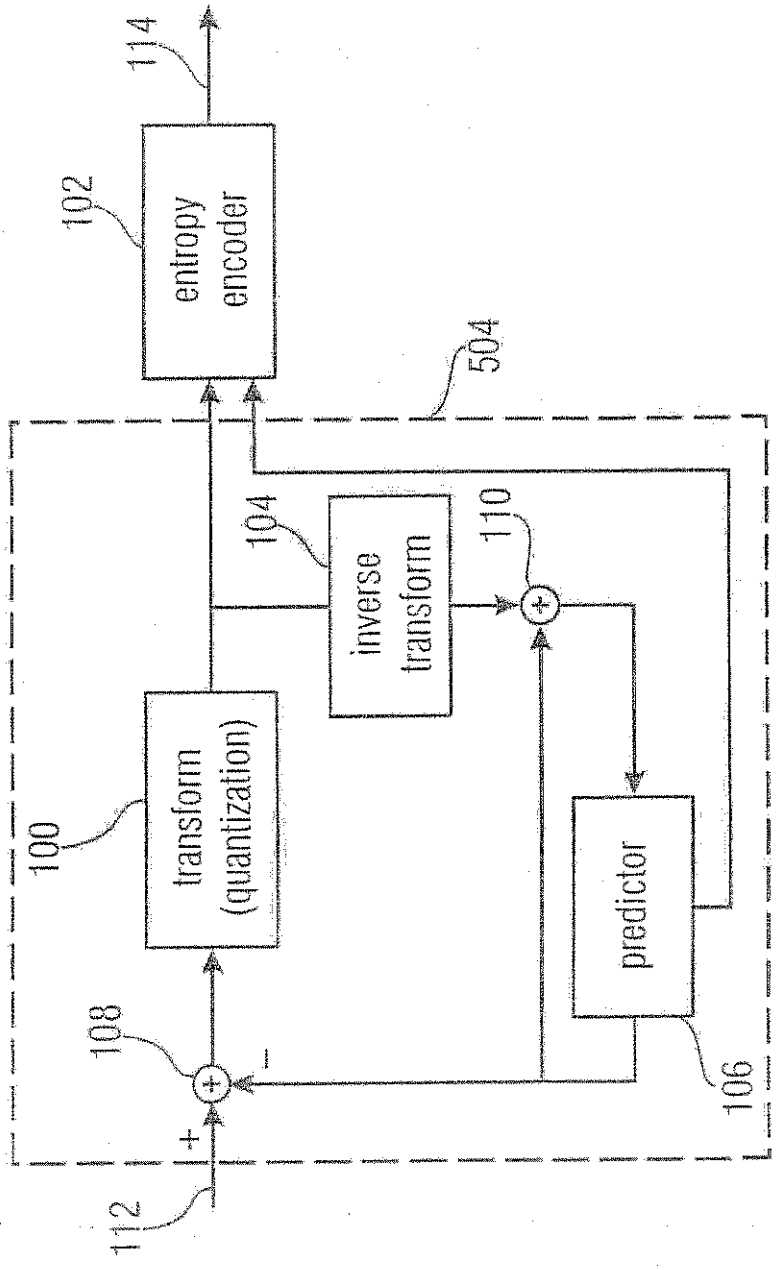

114
102
entropy encoder
504
104
inverse transform
110
100
transform (quantization)
predictor
108
106
112
+
-

FIGURE 4

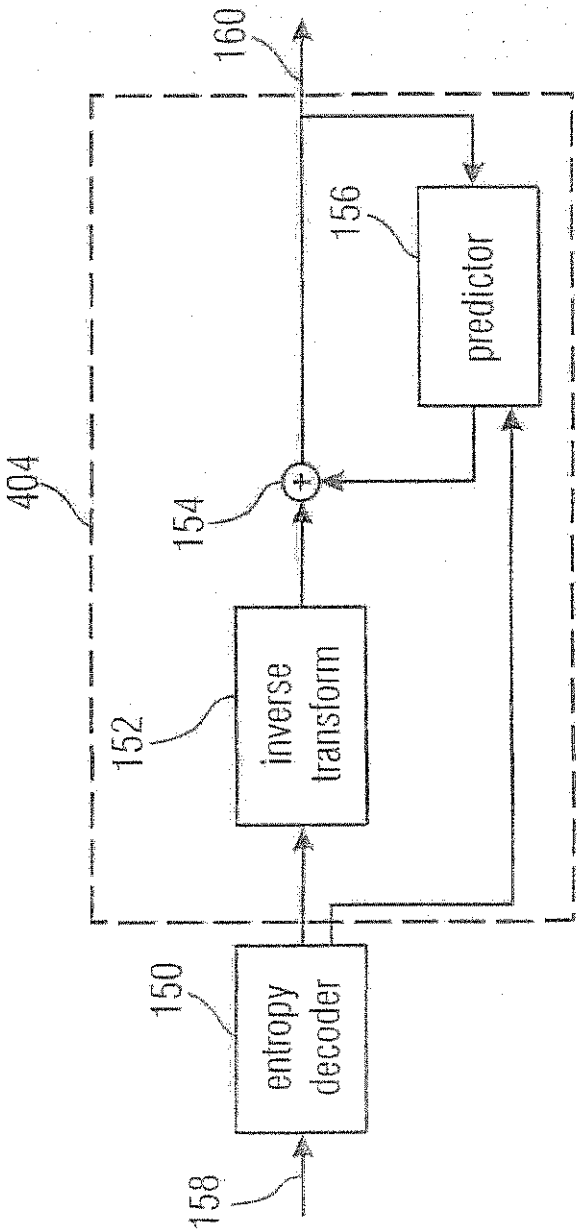

404
158
150
entropy decoder
152
inverse transform
154
156
predictor
160

FIGURE 5

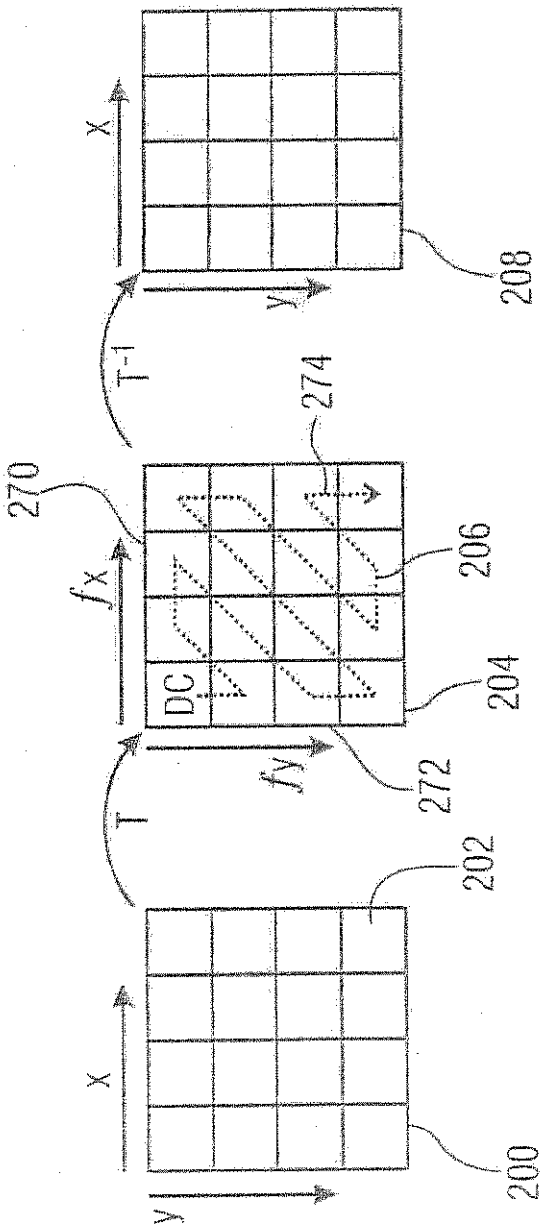


FIGURE 6

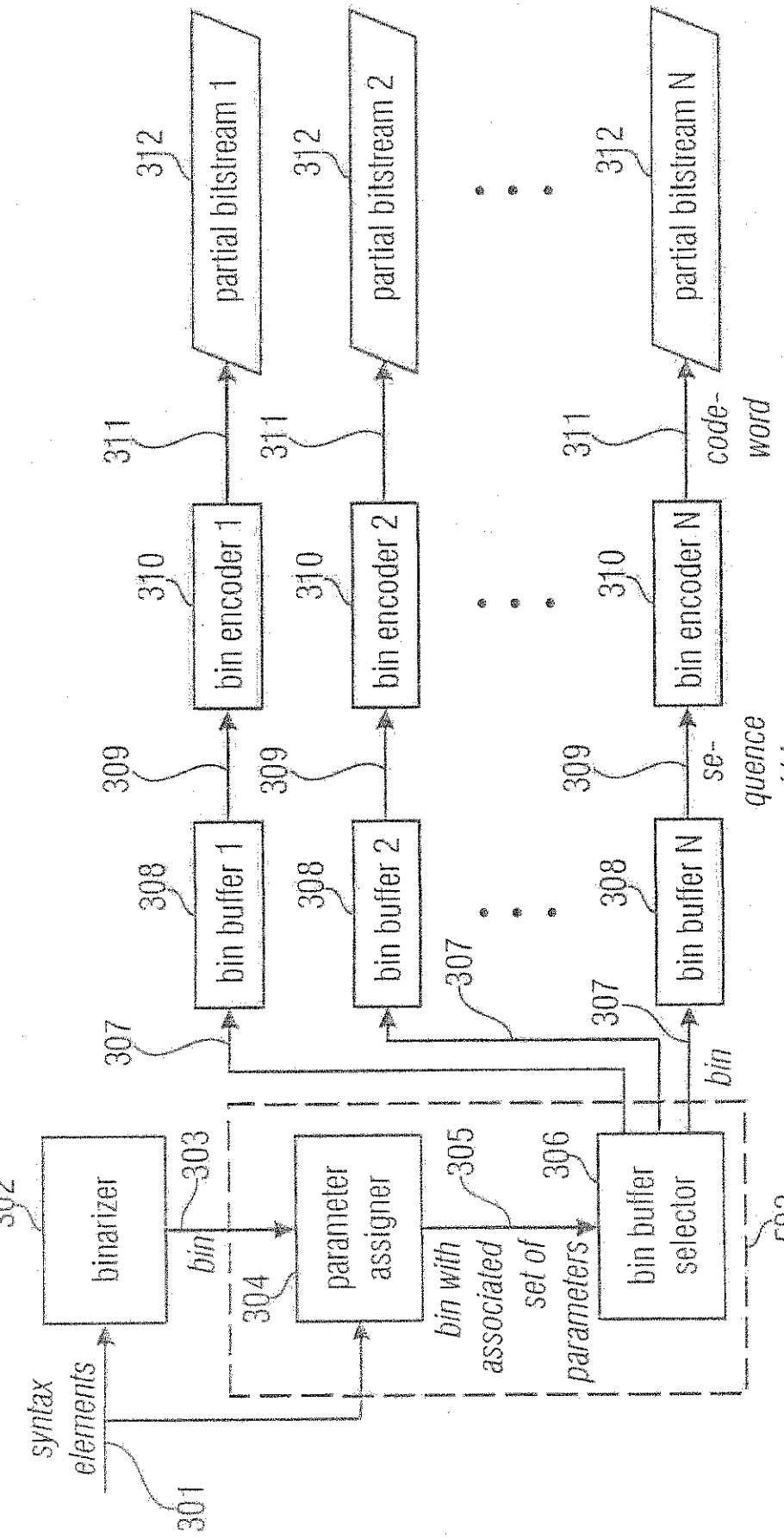

syntax elements
301
binarizer
302
bin
303
304
parameter assigner
bin with associated set of parameters
305
306
bin buffer selector
502
bin
307
bin buffer 1
bin buffer 2
bin buffer N
308
sequence of bins
309
bin encoder 1
bin encoder 2
bin encoder N
310
311
codeword
partial bitstream 1
partial bitstream 2
partial bitstream N
312

FIGURE 7

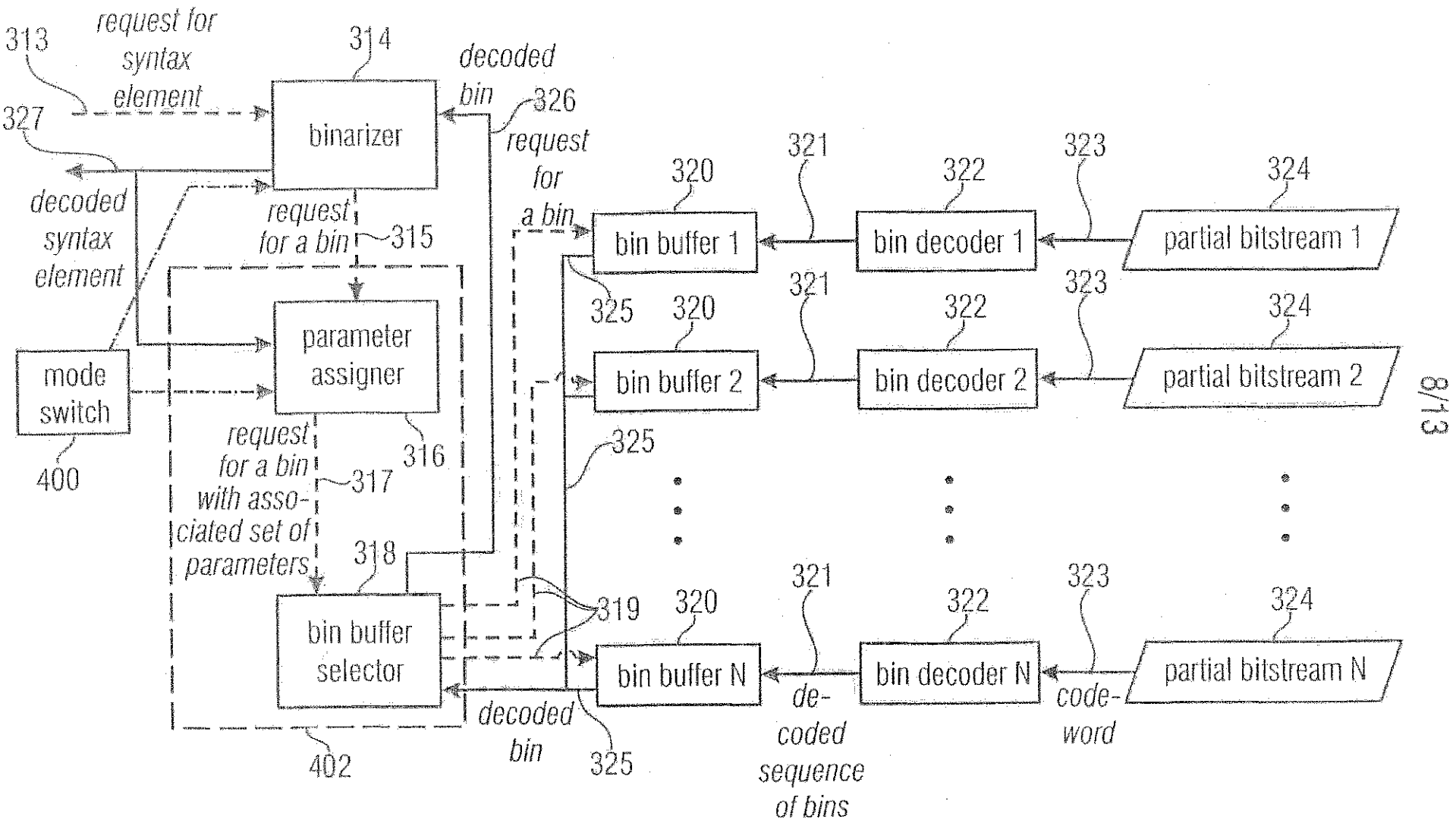

313
request for syntax element
314
decoded bin
326
327
binarizer
request for a bin
320
321
322
323
324
bin buffer 1
bin decoder 1
partial bitstream 1
decoded syntax element
request for a bin
315
325
parameter assigner
bin buffer 2
bin decoder 2
partial bitstream 2
mode switch
400
request for a bin with associated set of parameters
316
317
325
318
319
bin buffer selector
bin buffer N
bin decoder N
partial bitstream N
decoded bin
325
de-coded sequence of bins
code-word
402

FIGURE 8

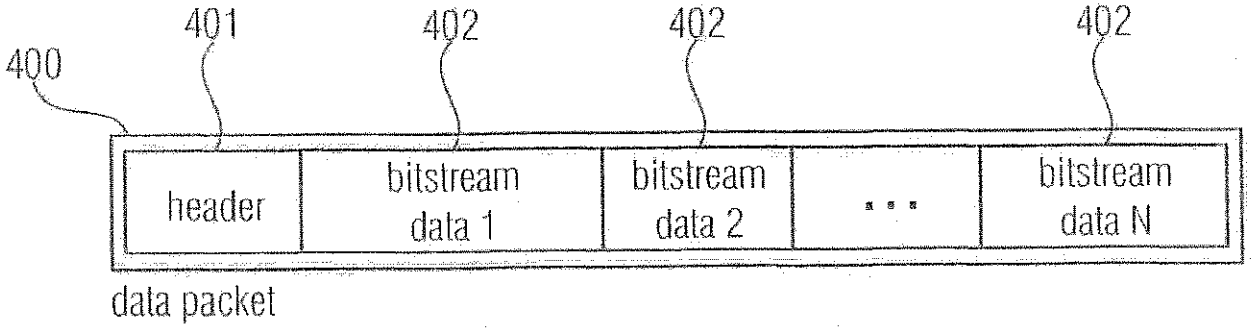


FIGURE 9

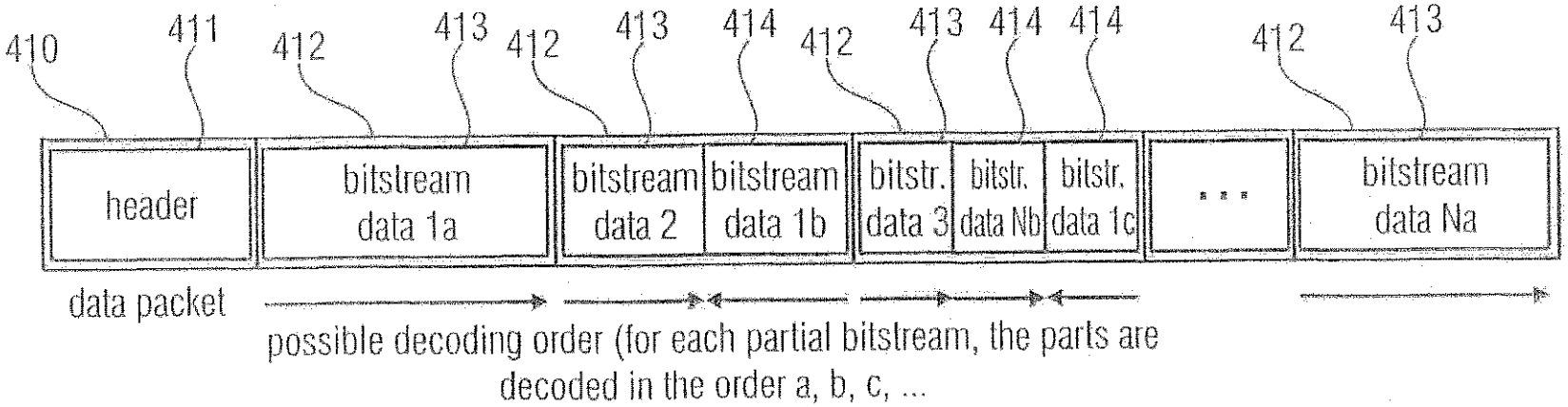


FIGURE 10

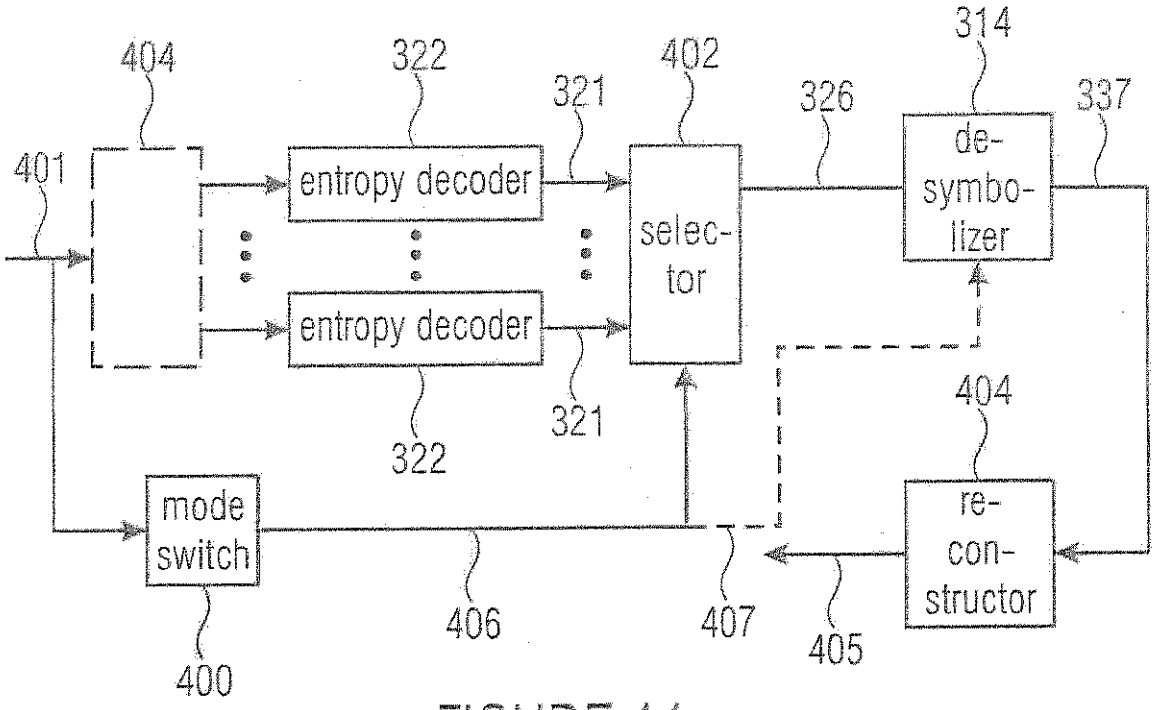


FIGURE 11

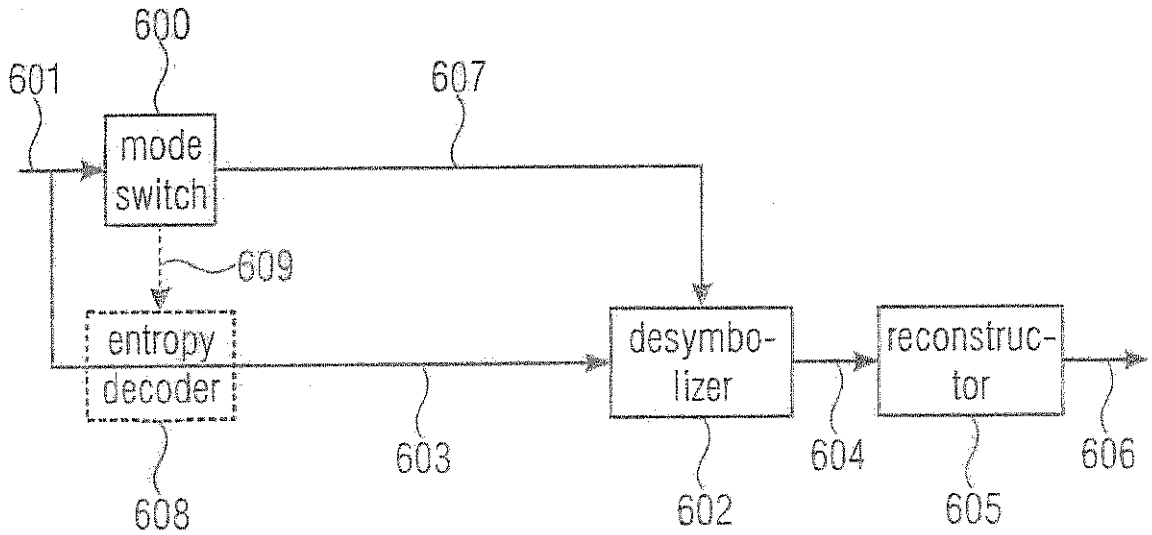


FIGURE 12

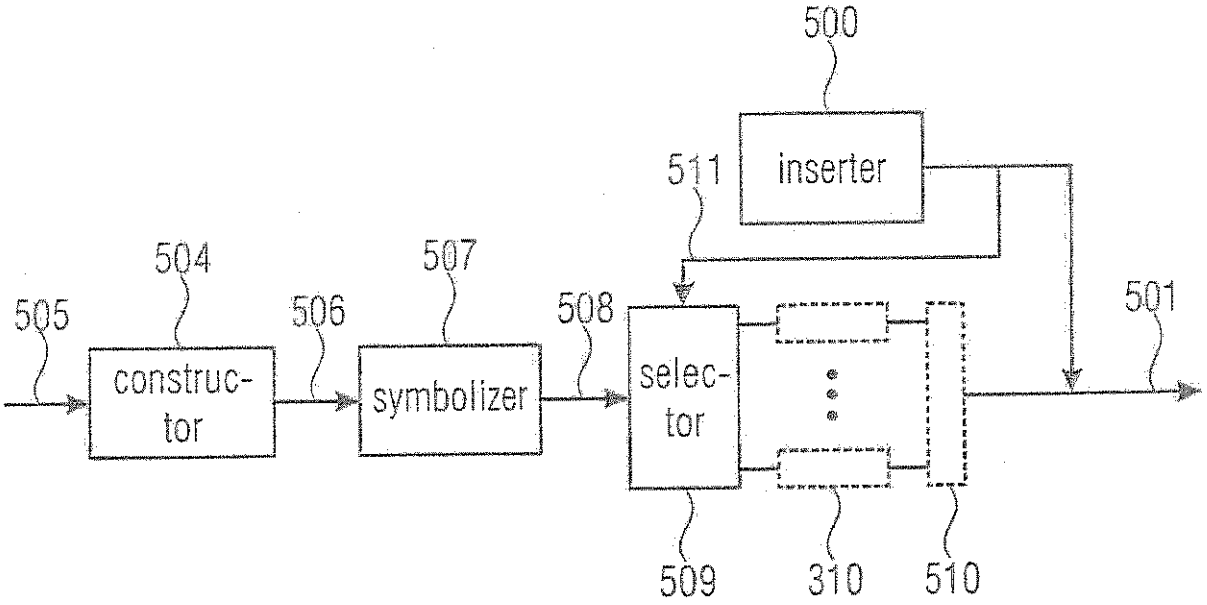


FIGURE 13

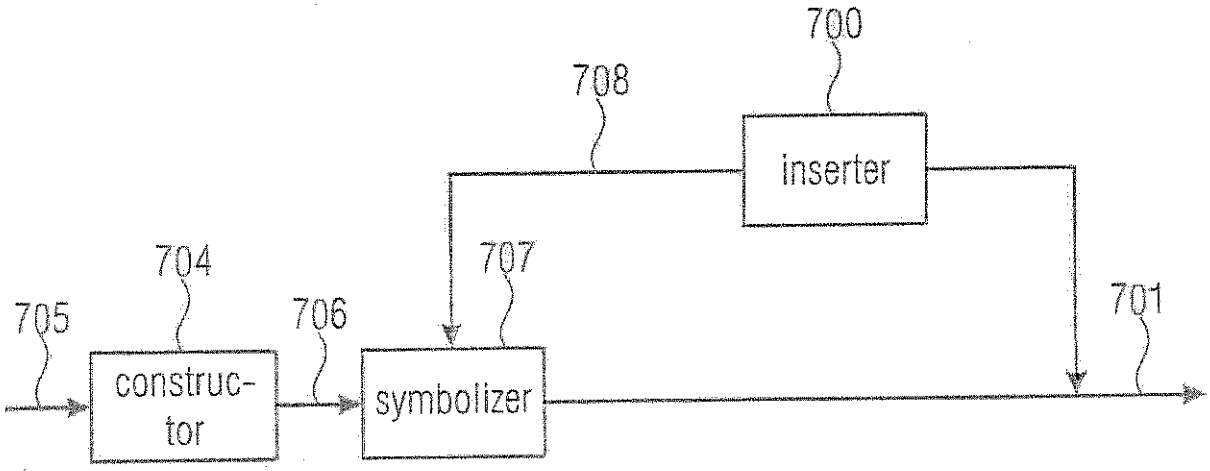


FIGURE 14

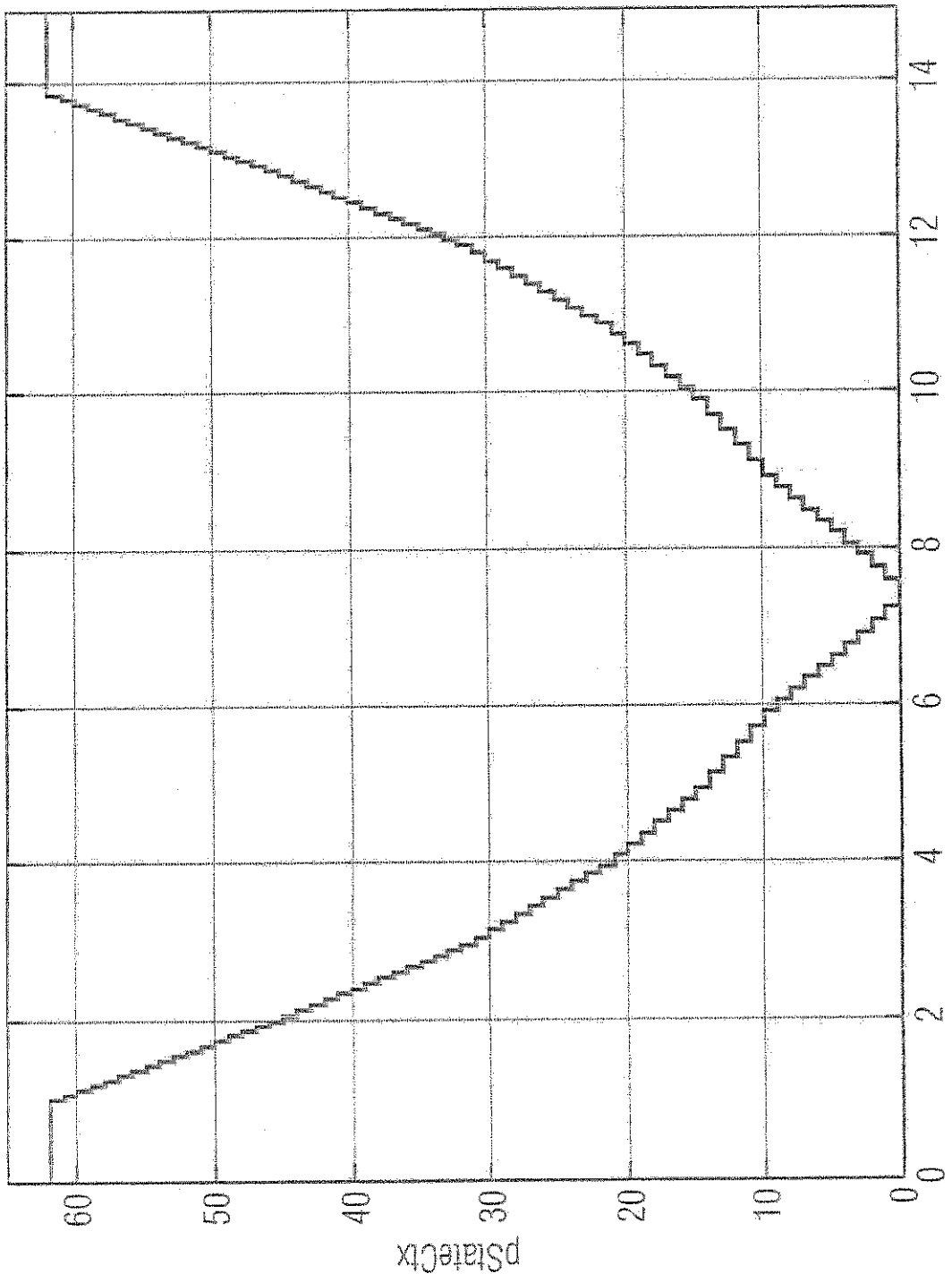


FIGURE 15

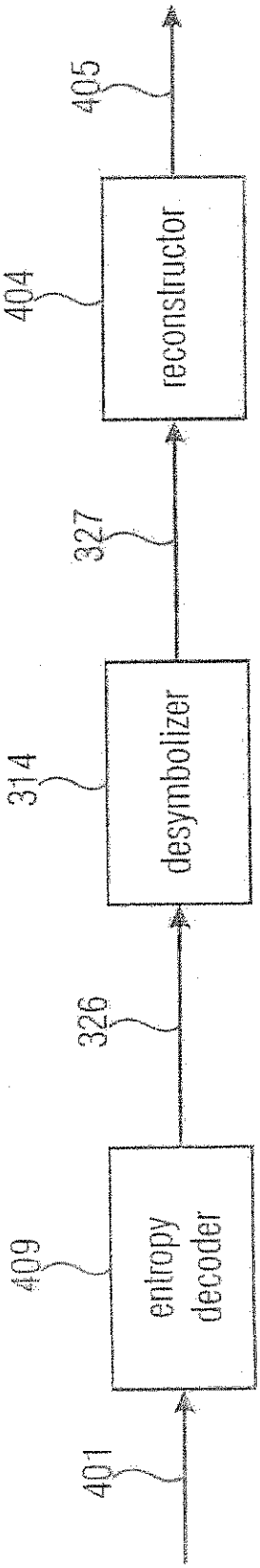


FIGURE 16

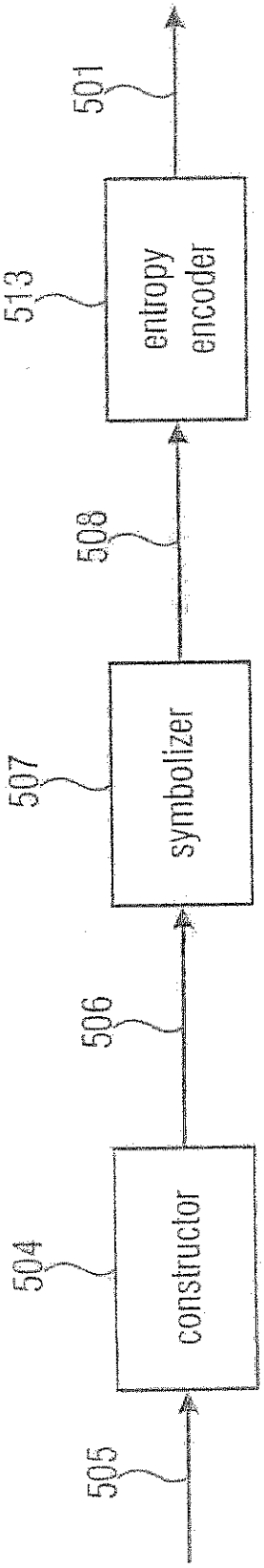


FIGURE 17