

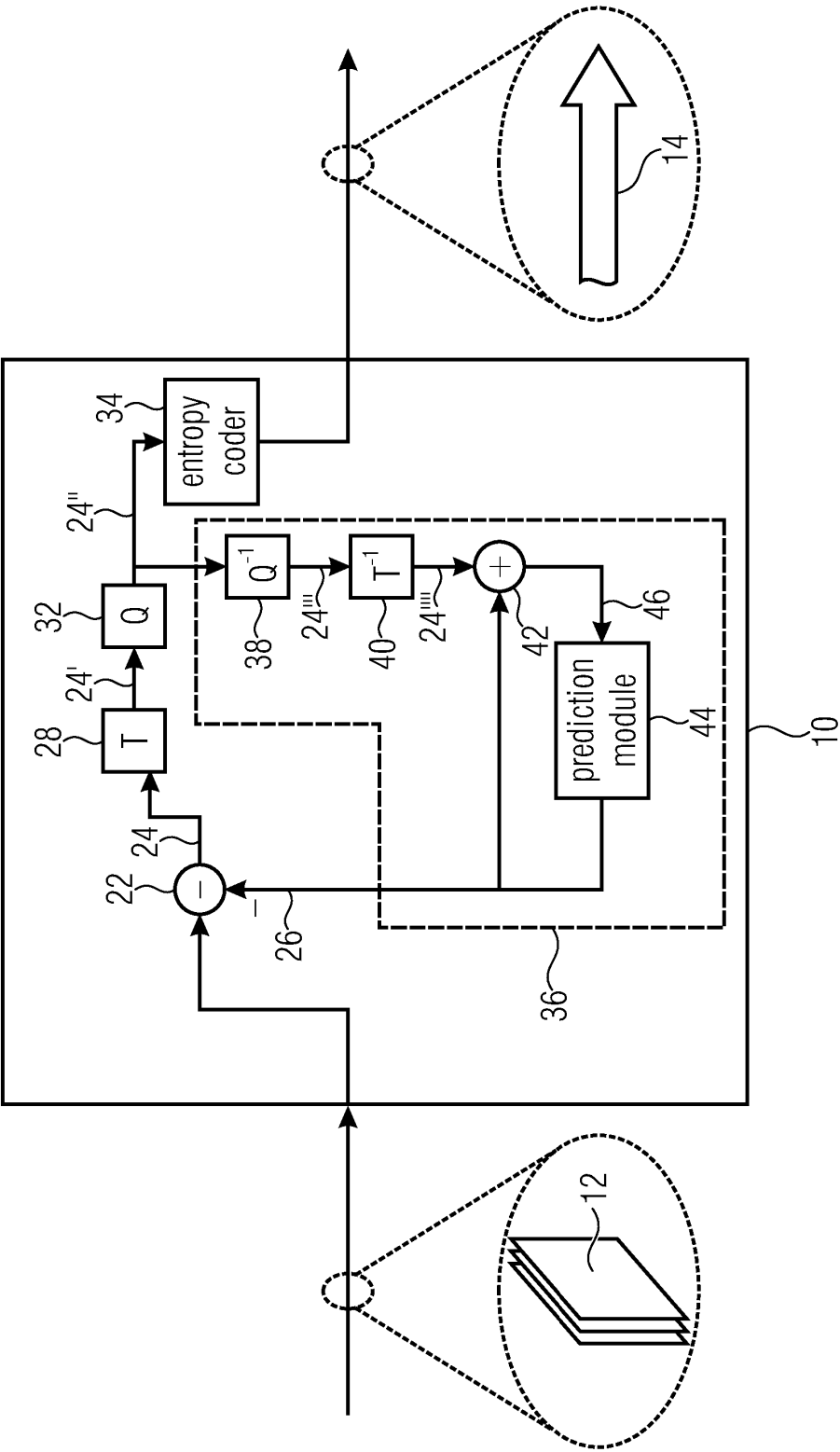


Fig. 1

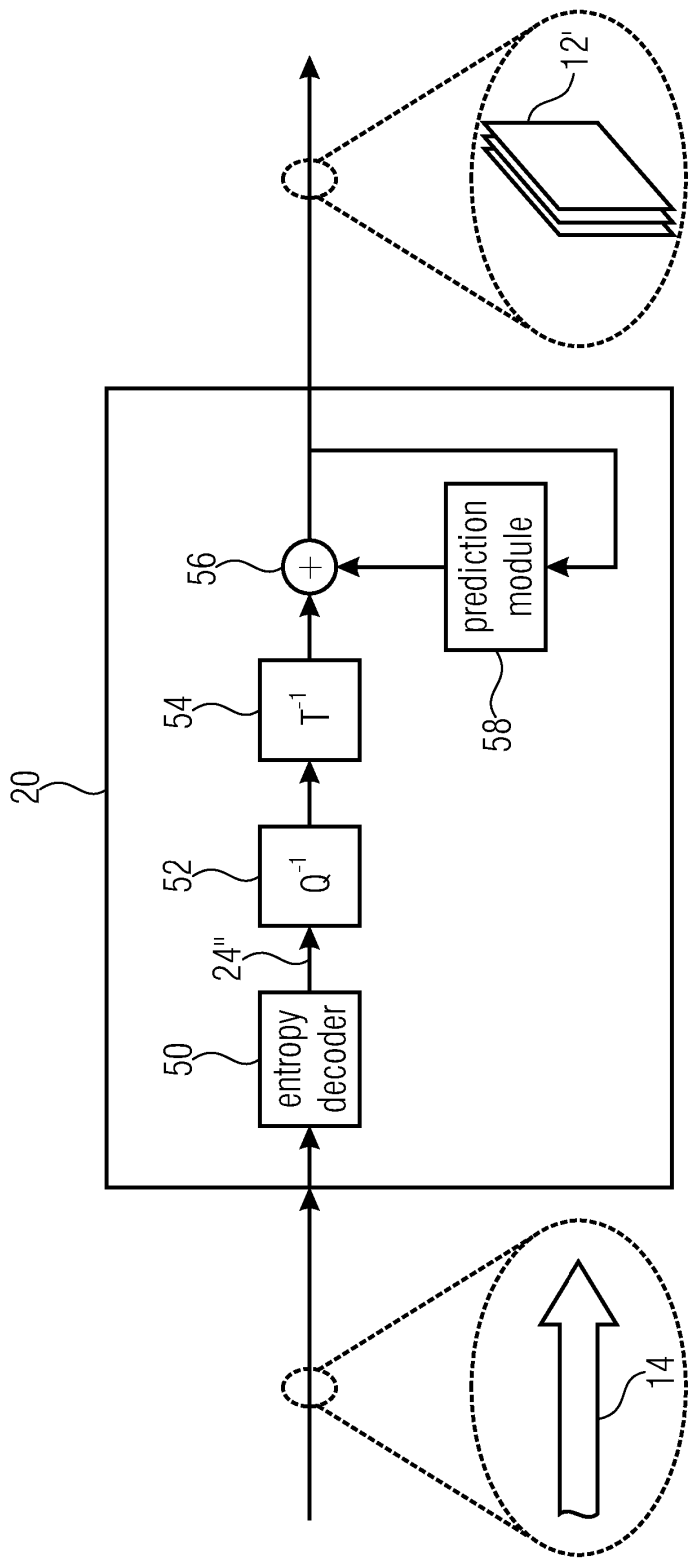


Fig. 2

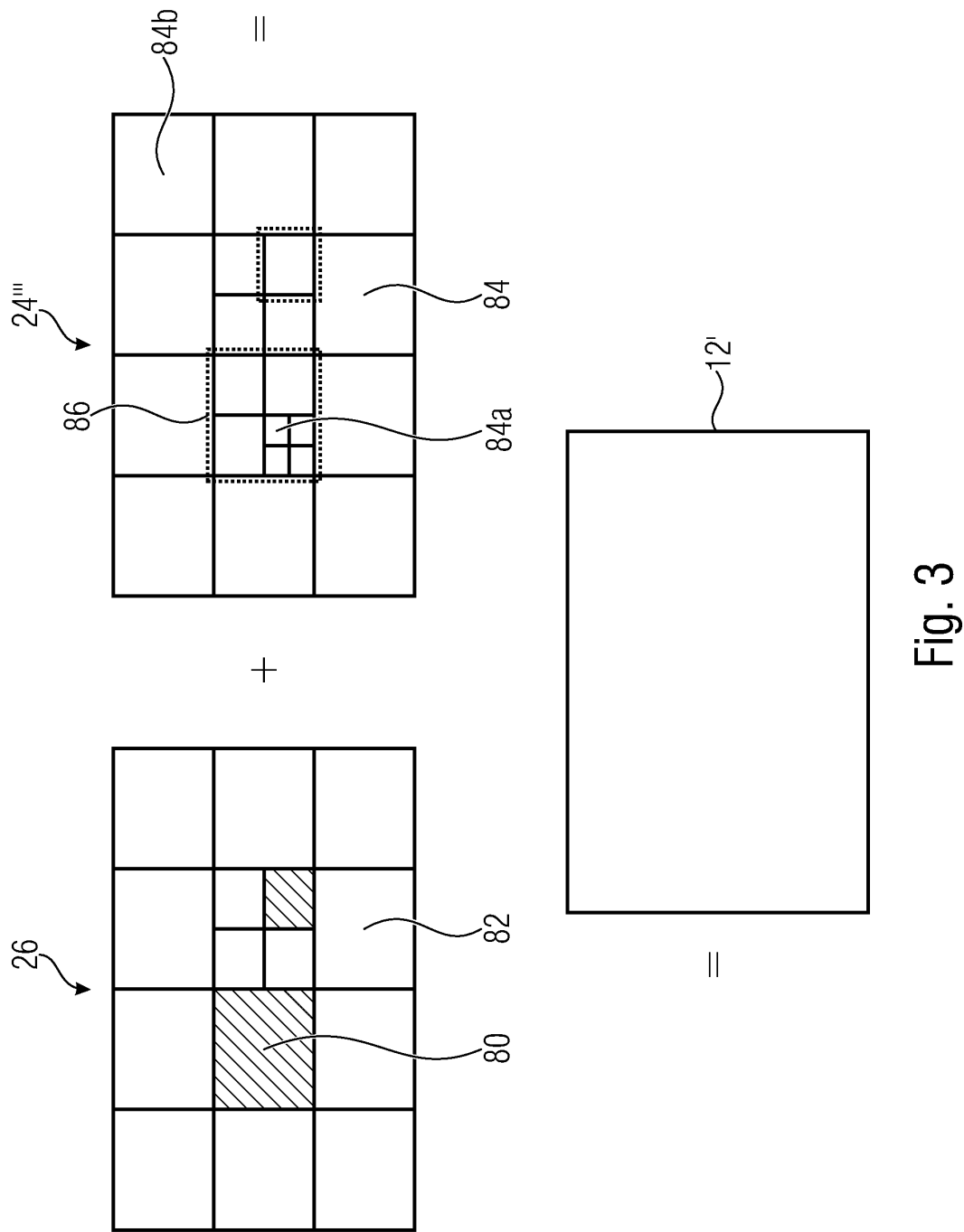


Fig. 3

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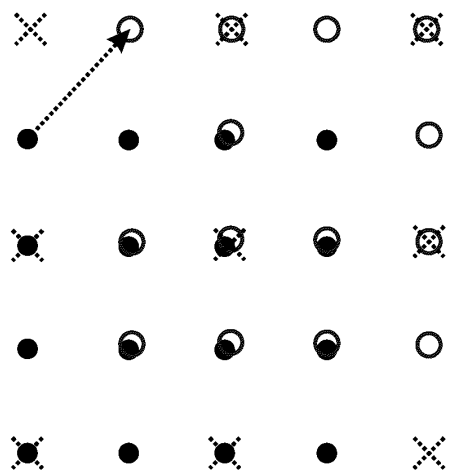


Fig. 4a

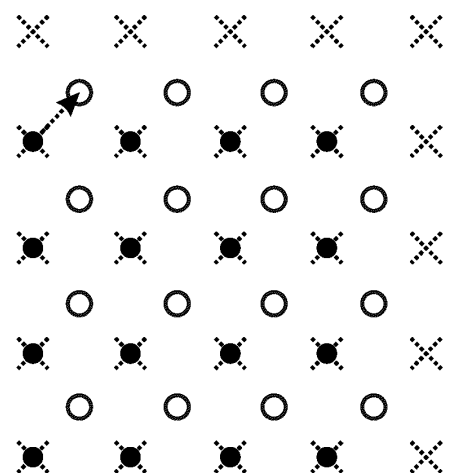


Fig. 4b

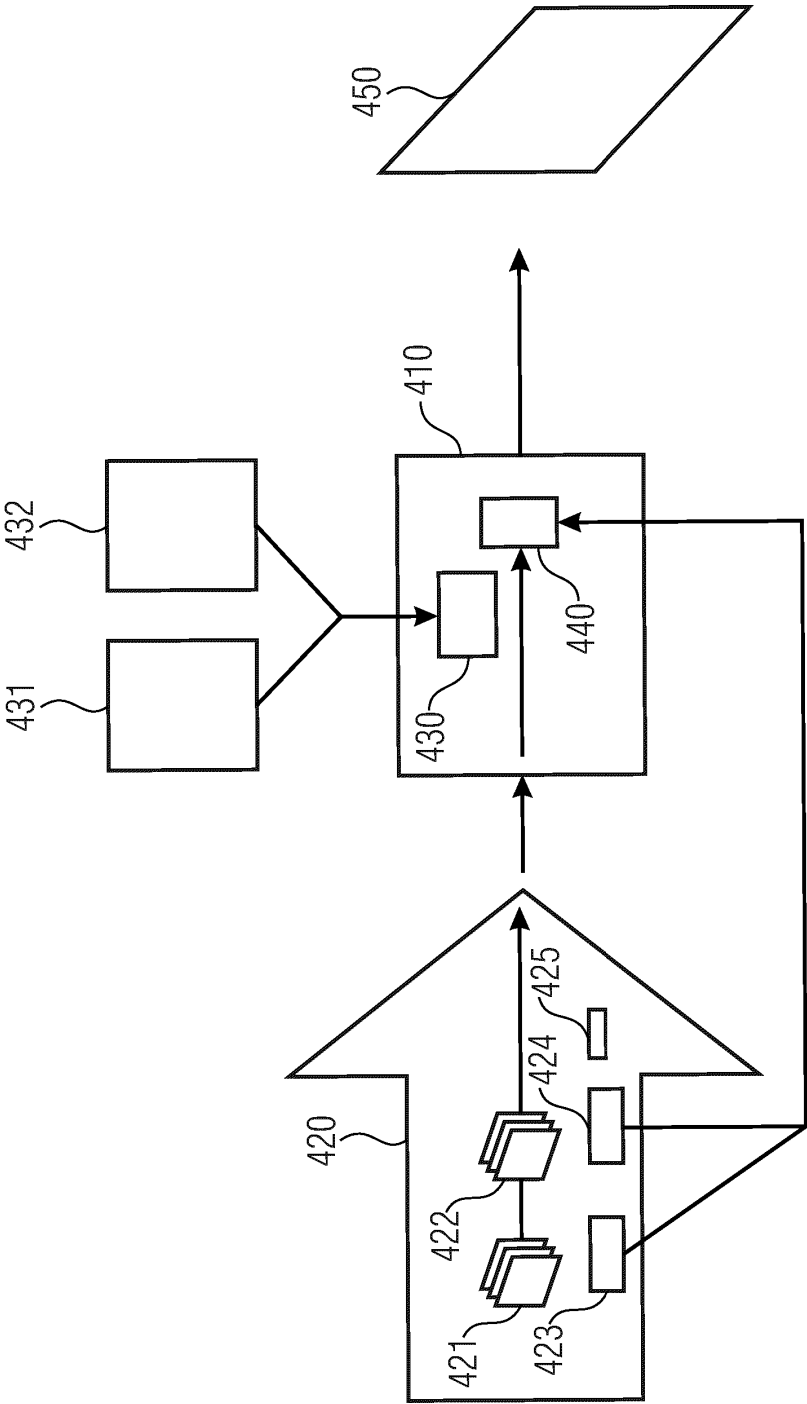


Fig. 4c

fractional sample positions p	interpolation filter coefficients							
	$f_L[p][0]$	$f_L[p][1]$	$f_L[p][2]$	$f_L[p][3]$	$f_L[p][4]$	$f_L[p][5]$	$f_L[p][6]$	$f_L[p][7]$
1	0	1	-3	63	4	-2	1	0
2	-1	2	-5	62	8	-3	1	0
3	-1	3	-8	60	13	-4	1	0
4	-1	4	-10	58	17	-5	1	0
5	-1	4	-11	52	26	-8	3	-1
6	-1	3	-9	47	31	-10	4	-1
7	-1	4	-11	45	34	-10	4	-1
8·(hpellfdx°=°0)	-1	4	-11	40	40	-11	4	-1
8·(hpellfdx°=°1)	0	3	-9	20	20	-9	3	0
9	-1	4	-10	34	45	-11	4	-1
10	-1	4	-10	31	47	-9	3	-1
11	-1	3	-8	26	52	-11	4	-1
12	0	1	-5	17	58	-10	4	-1
13	0	1	-4	13	60	-8	3	-1
14	0	1	-3	8	62	-5	2	-1
15	0	1	-2	4	63	-3	1	0

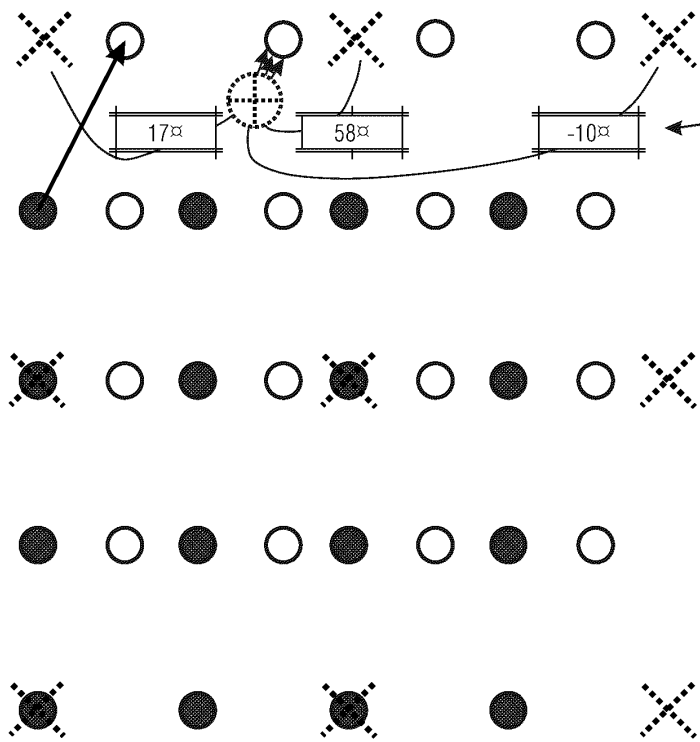


Fig. 4d

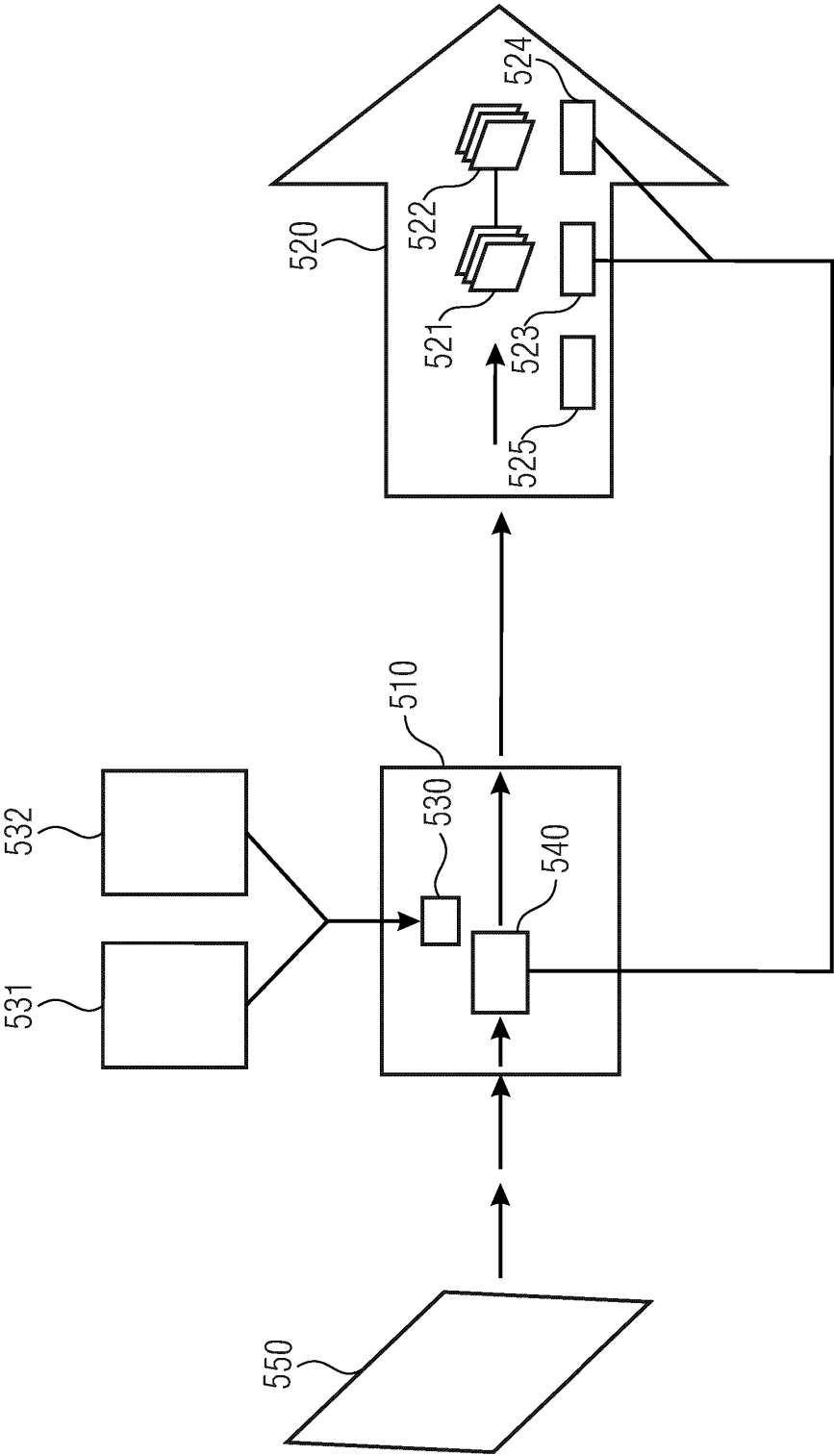


Fig. 5

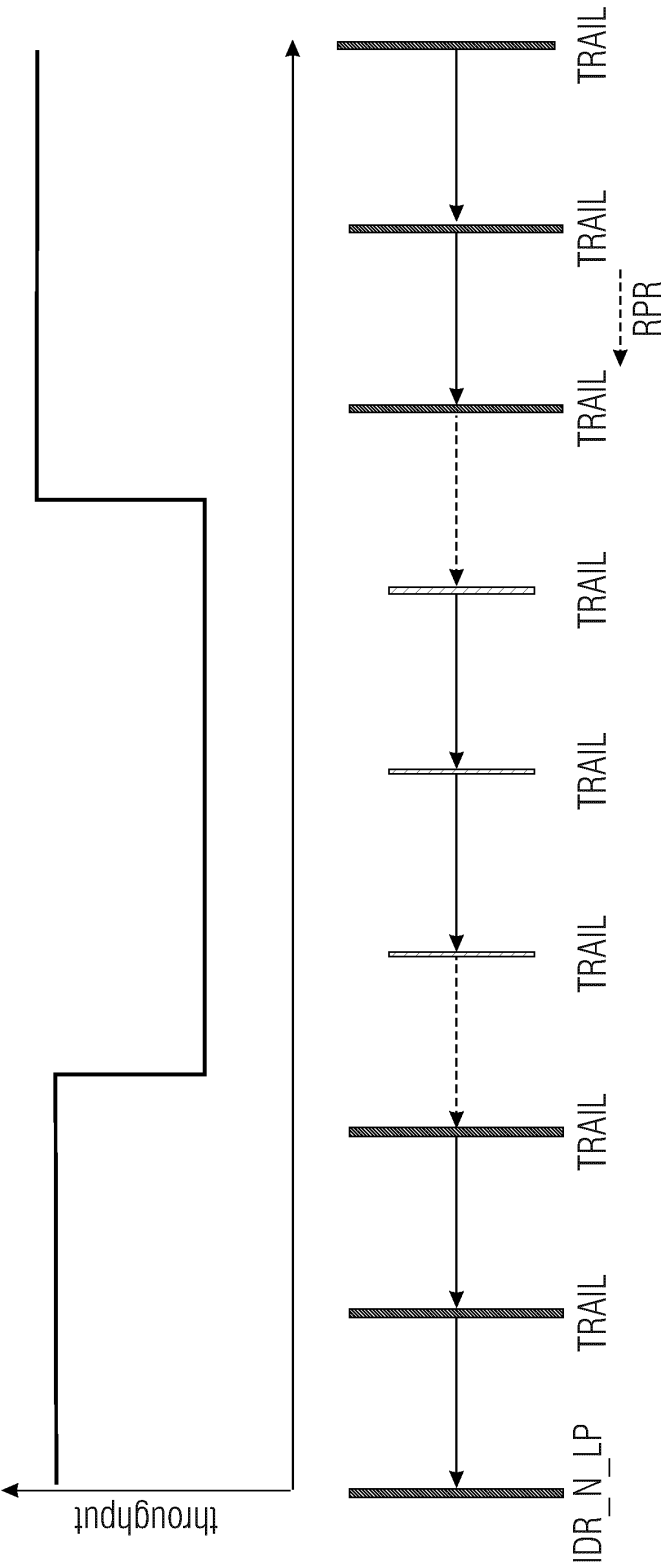


Fig. 6

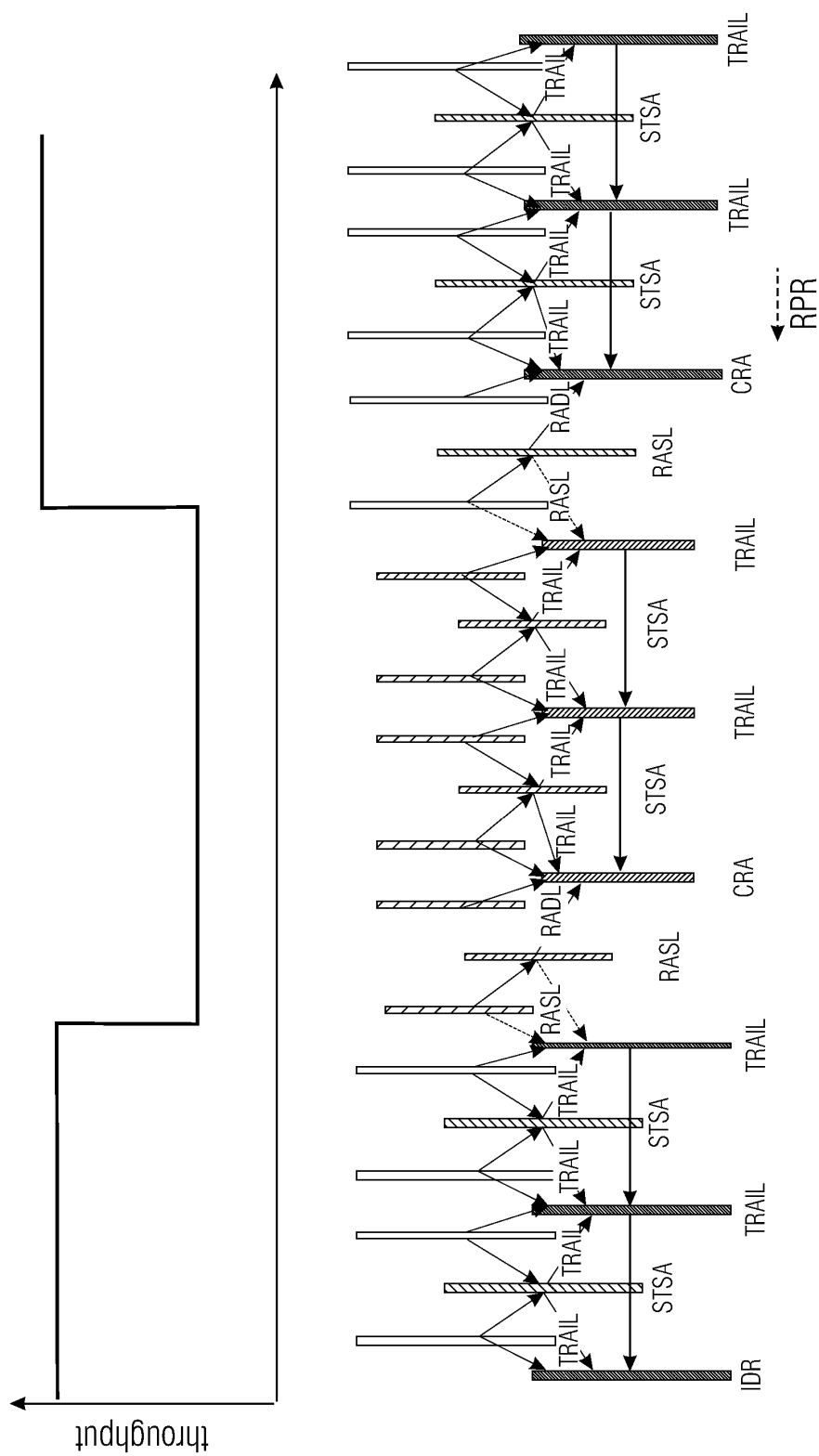


Fig. 7

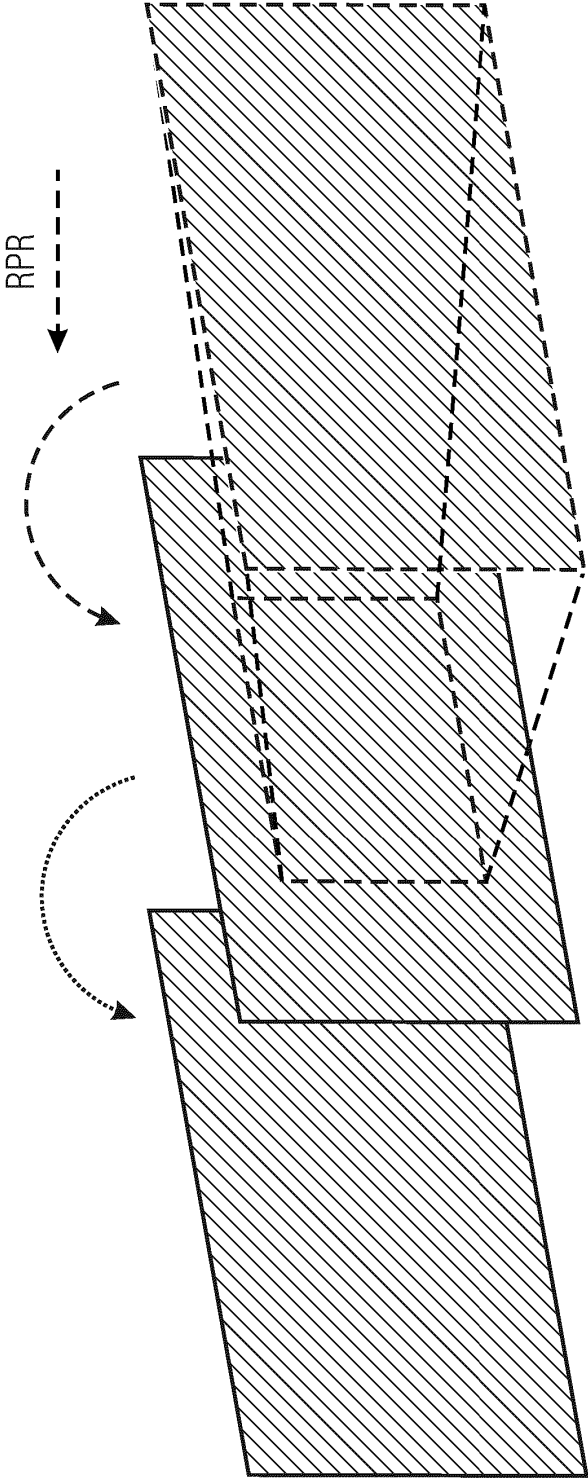


Fig. 8

fractional sample positions p	interpolation filter coefficients									
	f _l [p][0]	f _l [p][1]	f _l [p][2]	f _l [p][3]	f _l [p][4]	f _l [p][5]	f _l [p][6]	f _l [p][7]		
1	0	1	-3	63	4	-2	1	0		
2	-1	2	-5	62	8	-3	1	0		
3	-1	3	-8	60	13	-4	1	0		
4	-1	4	-10	58	17	-5	1	0		
5	-1	4	-11	52	26	-8	3	-1		
6	-1	3	-9	47	31	-10	4	-1		
7	-1	4	-11	45	34	-10	4	-1		
8(hpellidx = 0)	-1	4	-11	40	40	-11	4	-1		
8(hpellidx = 1)	0	3	9	20	20	9	3	0		
9	-1	4	-10	34	45	-11	4	-1		
10	-1	4	-10	31	47	-9	3	-1		
11	-1	3	-8	26	52	-11	4	-1		
12	0	1	-5	17	58	-10	4	-1		
13	0	1	-4	13	60	-8	3	-1		
14	0	1	-3	8	62	-5	2	-1		
15	0	1	-2	4	63	-3	1	0		

Fig. 9

amvr_flag	amvr_precision_idx	AmvrShift		
		inter_affine_flag = 1	CuPredMode[chType][x0][y0] = MODE_IBC	inter_affine_flag = 0; && CuPredMode[chType][x0][y0] != MODE_IBC
0	-	2 (1/4 luma sample)	-	2 (1/4 luma sample)
1	0	0 (1/16 luma sample)	4 (1 luma sample)	3 (1/2 luma sample)
1	1	4 (1 luma sample)	6 (4 luma samples)	4 (1 luma sample)
1	2	-	-	6 (4 luma samples)

Fig. 10