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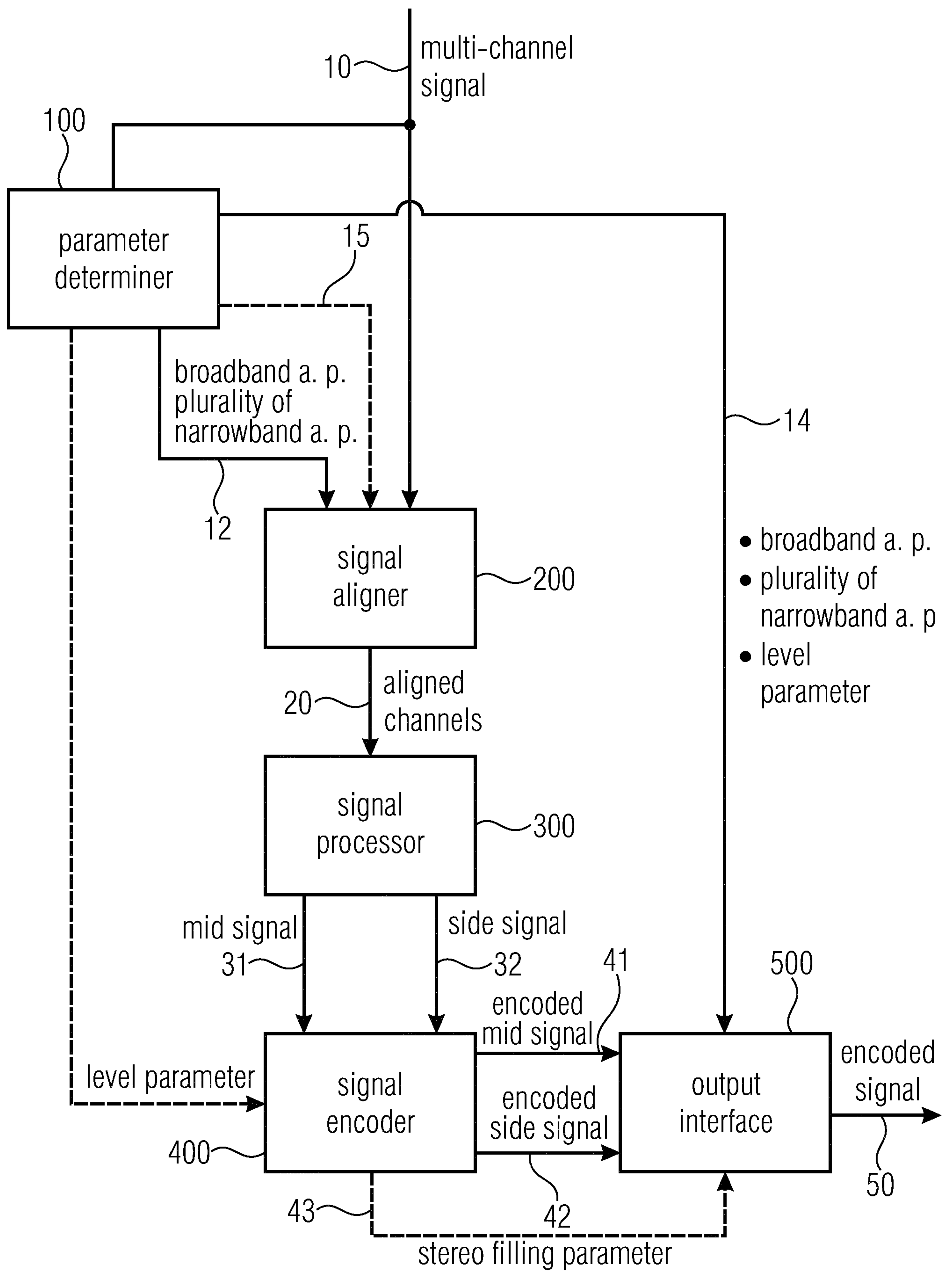


Fig. 1

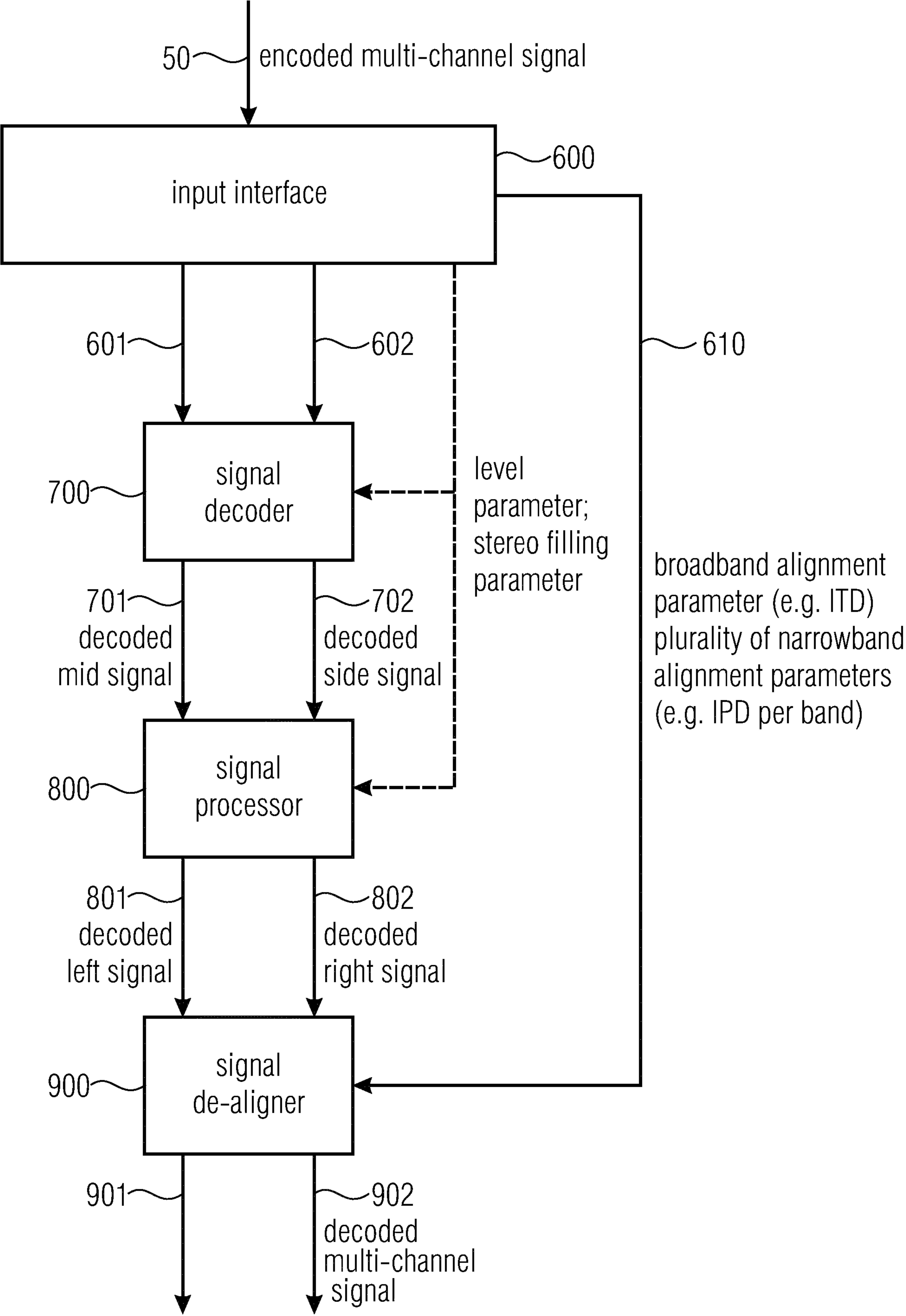
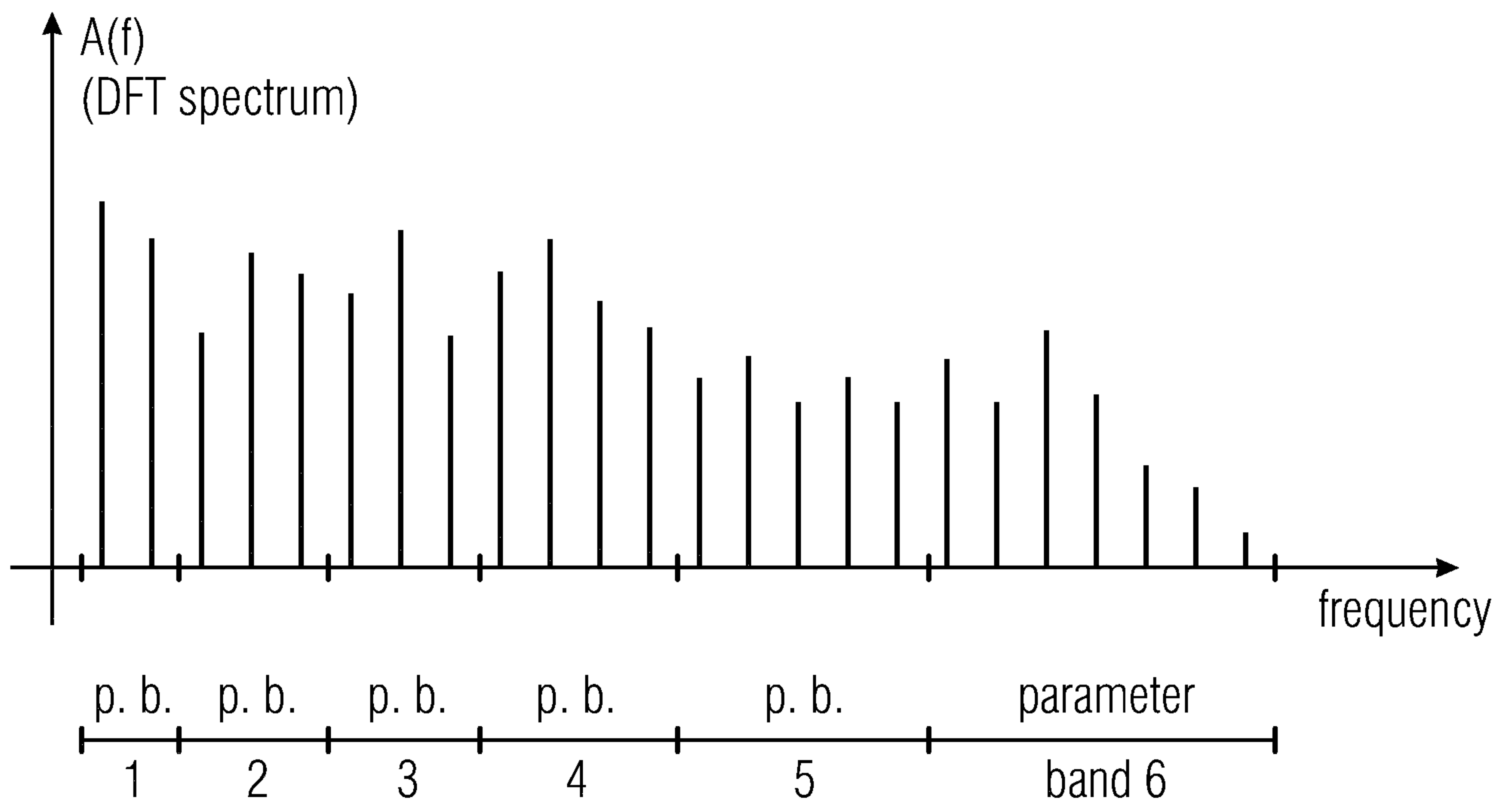


Fig. 2

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- single broadband alignment parameter for whole spectrum (e. g. p. band 1 to p. band 6);
- plurality of narrowband alignment parameters for parameter bands 1, 2, 3, 4, i. e., four narrowband parameters;
- level parameters for each parameter band, e. g. 6 level parameters;
- stereo filling parameters for parameter bands 4, 5, 6, e. g. three stereo filling parameters;
- side (residual) signal for parameter bands 1, 2, 3;
- more spectral lines in higher band, e.g. seven spectral lines in parameter band 6 versus three spectral lines in parameter band 2.

Fig. 3

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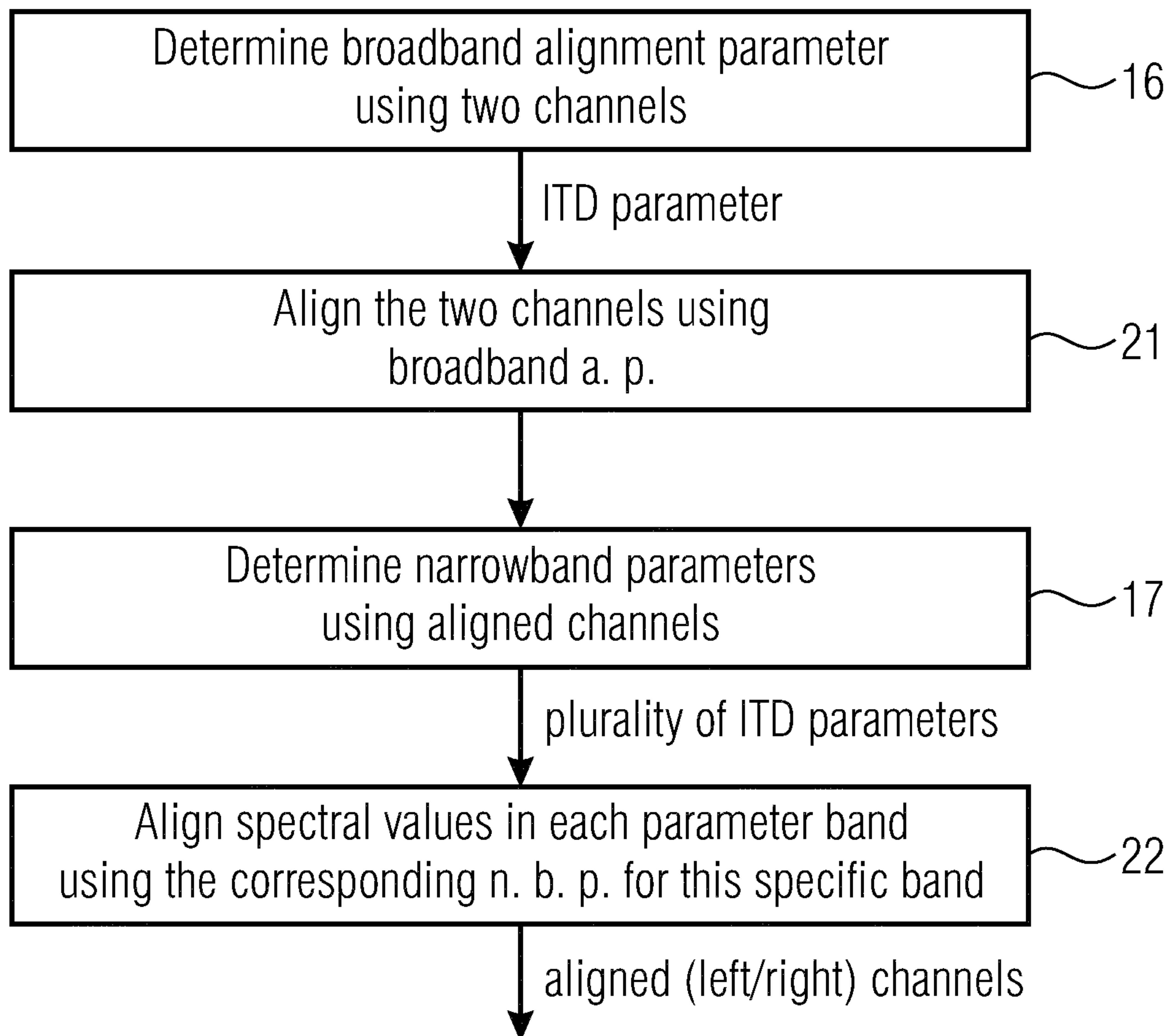


Fig. 4a

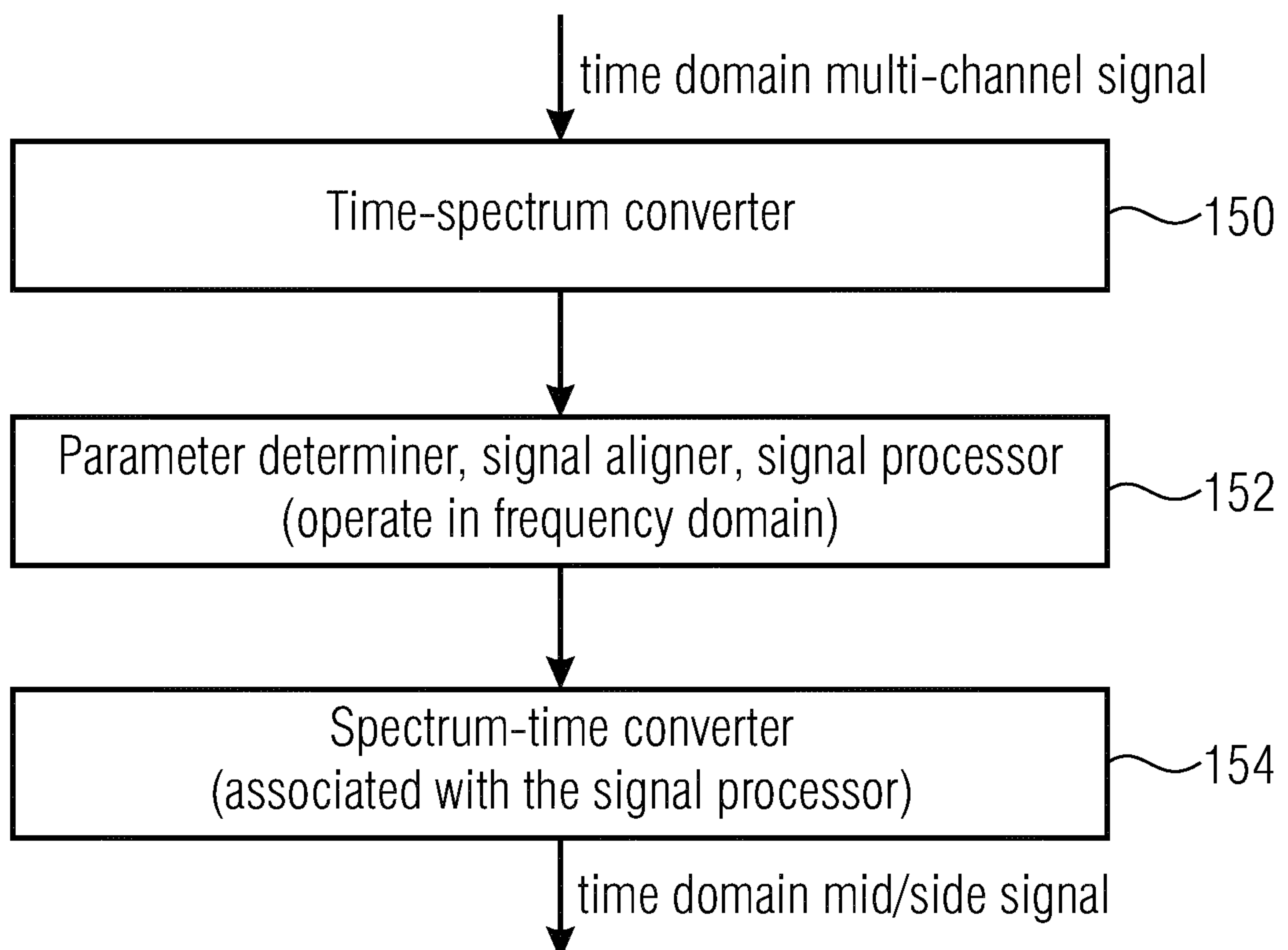


Fig. 4b

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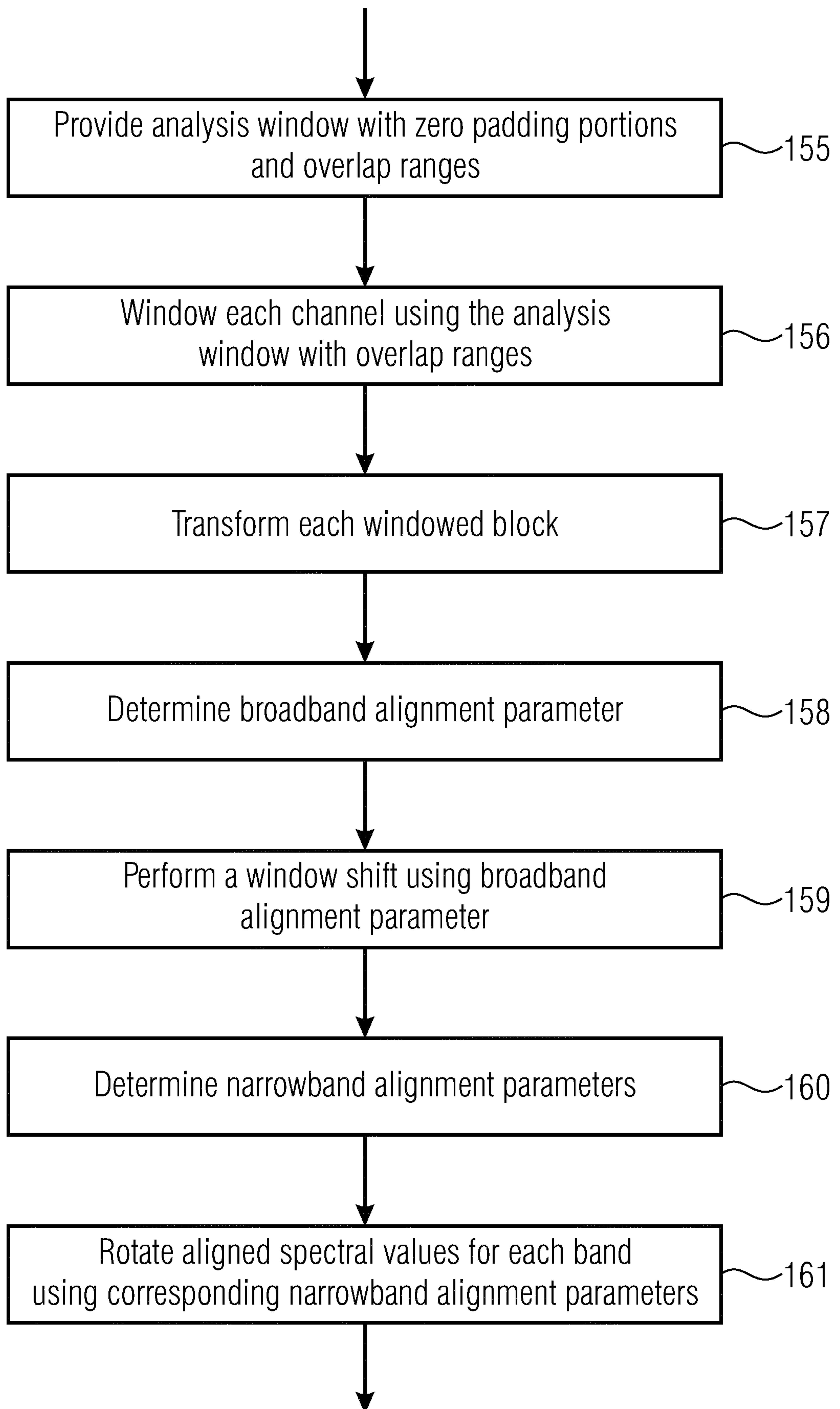


Fig. 4c

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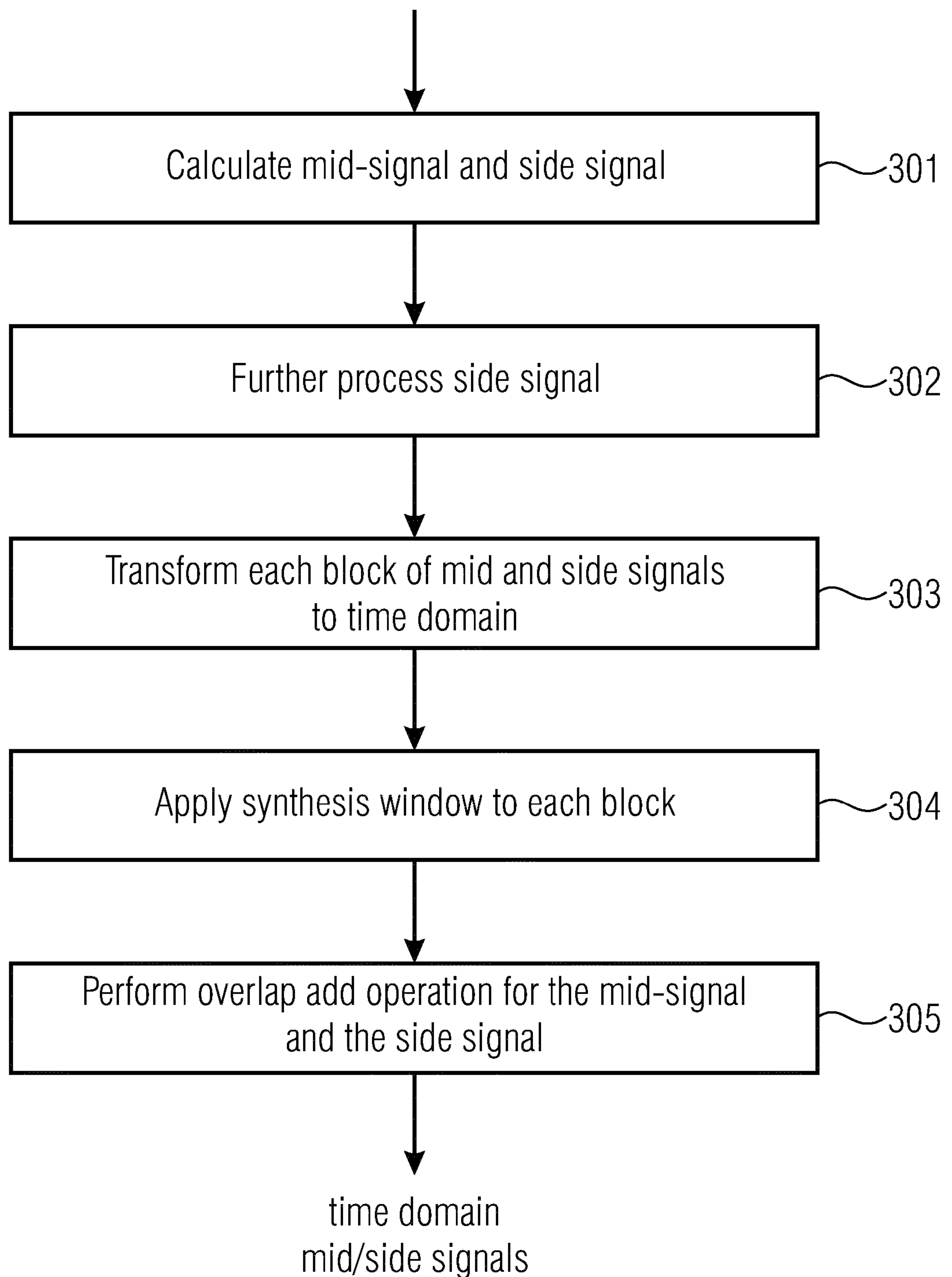


Fig. 4d

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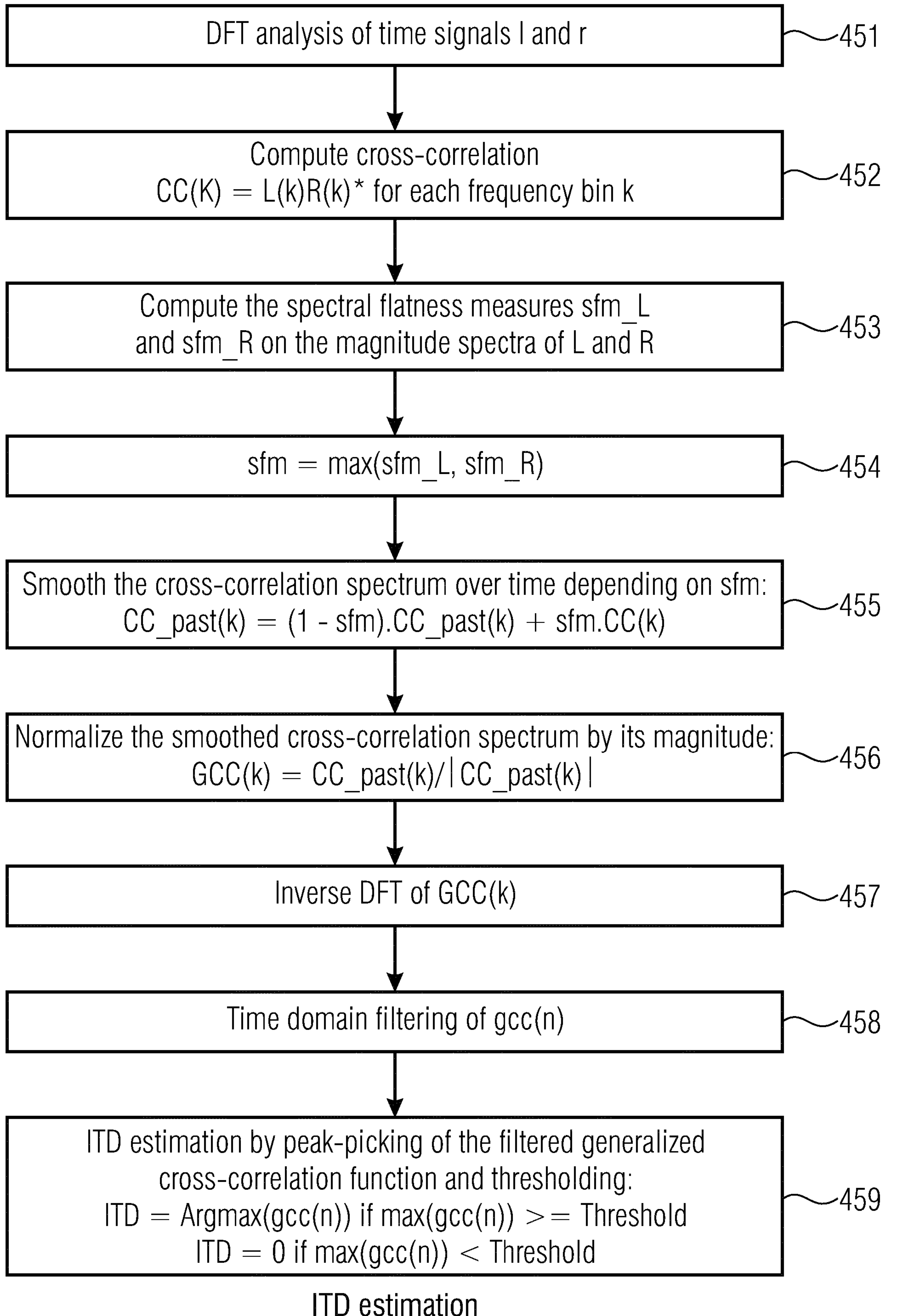
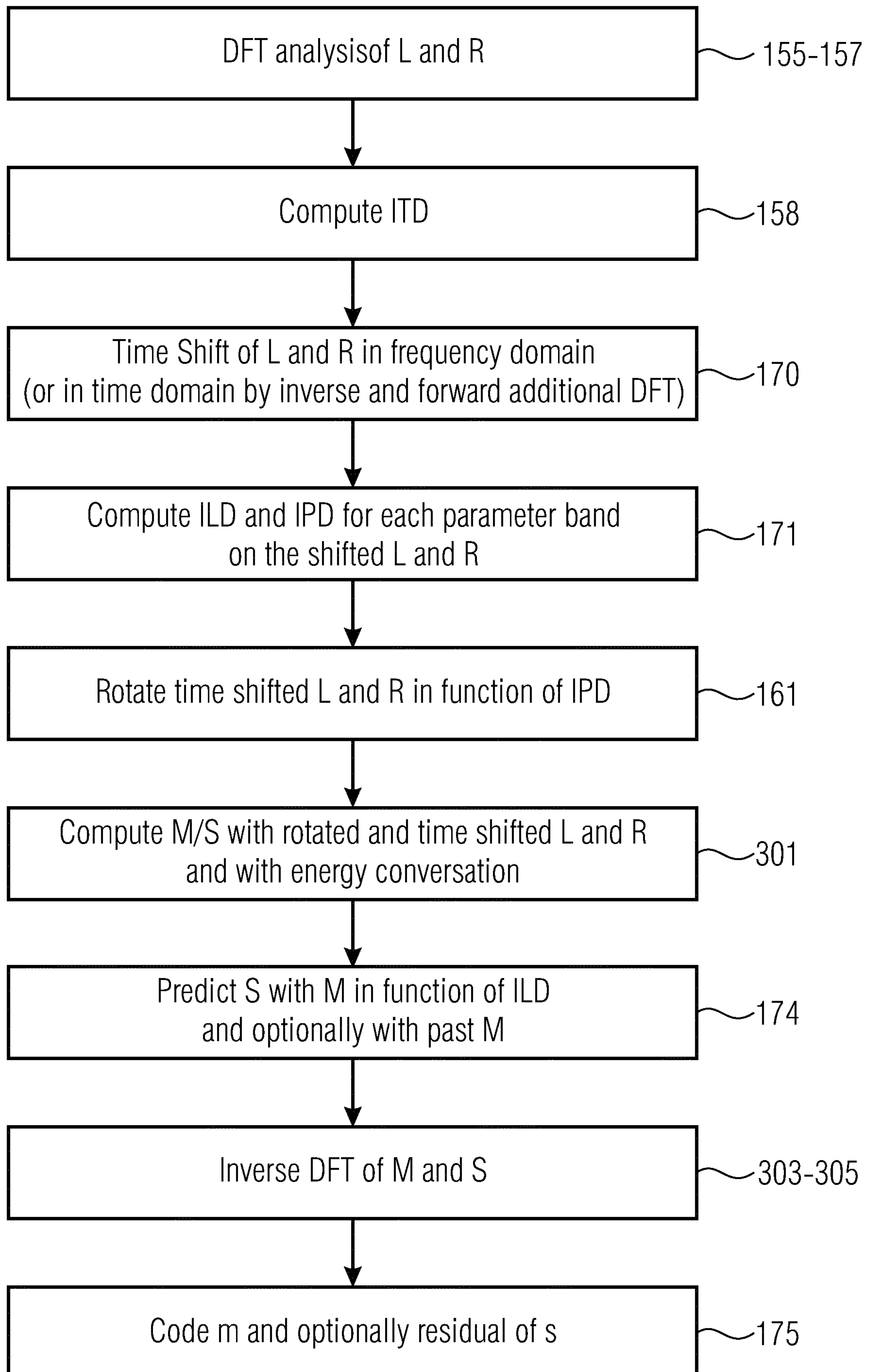


Fig. 4e

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**Fig. 5**

SUBSTITUTE SHEET (RULE 26)

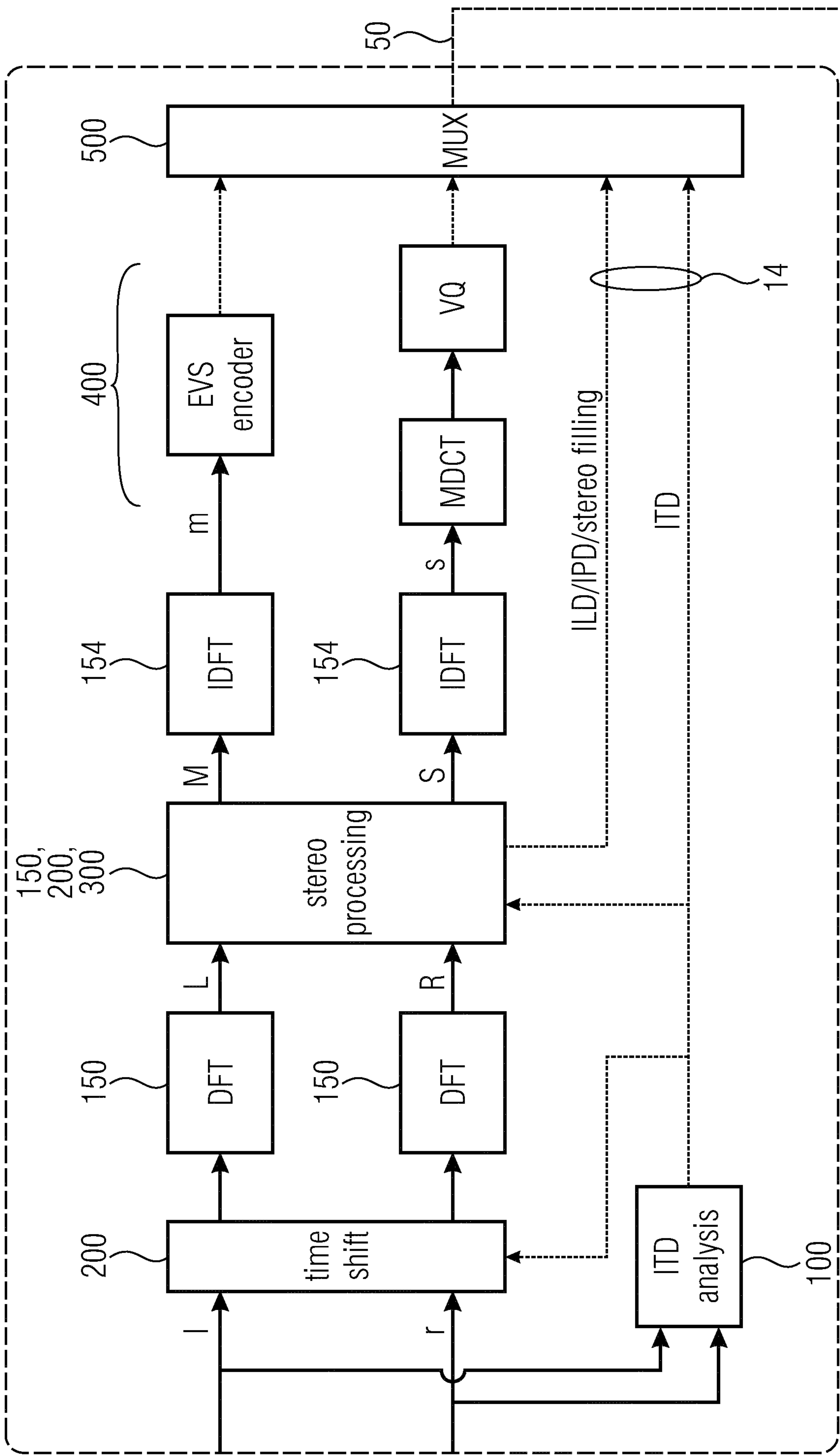


Fig. 6a

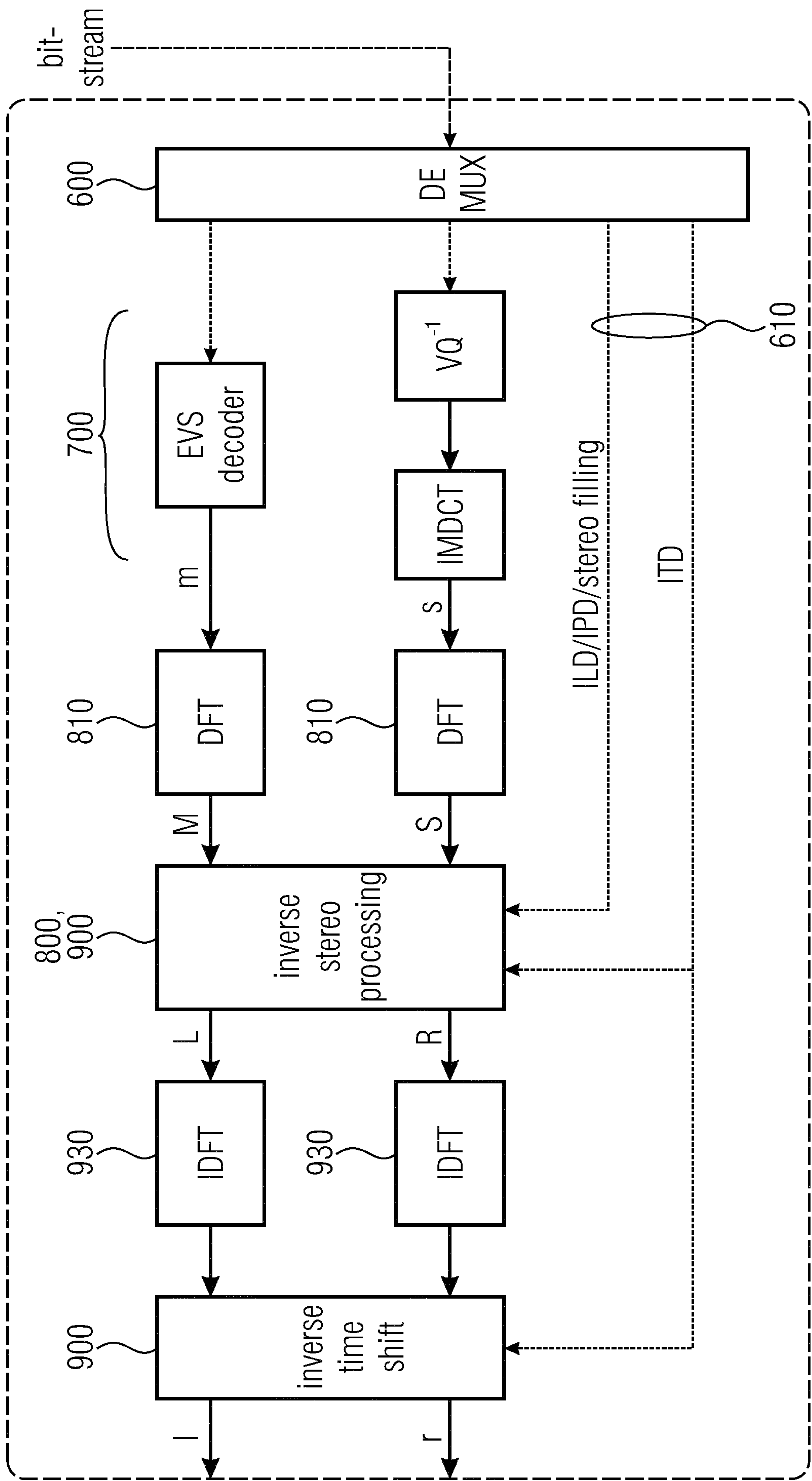


Fig. 6b

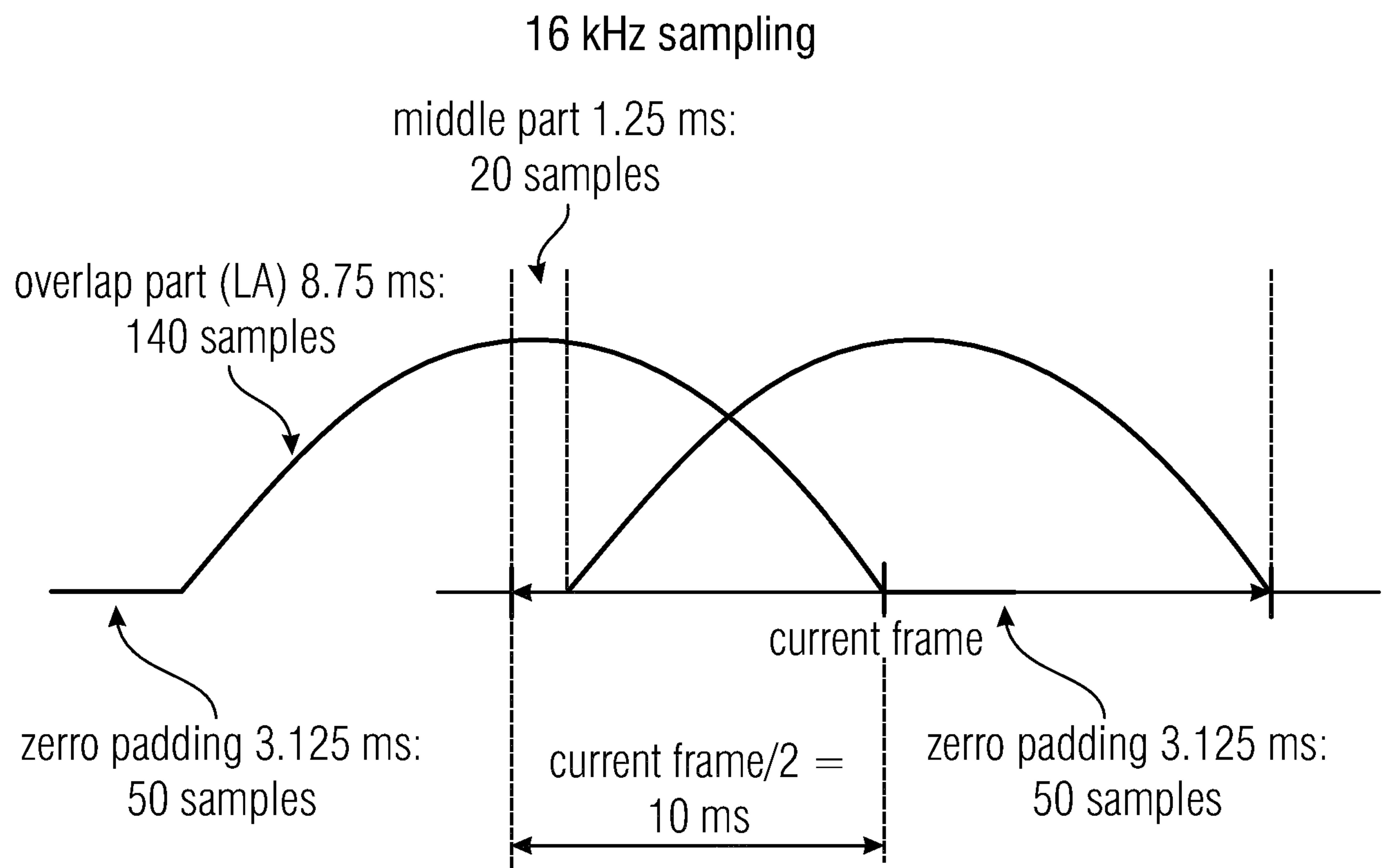


Fig. 7

parameters	bits/band	number of bands	bit-rate
ILD	5	all 12 bands	3.00 kbps
IPD	3	up to 2.5 kHz	1.05 kbps
ITD	8	whole spectrum	0.6 kbps
stereo filling	3	from 1 kHz	0.9 kbps
total			-5 kbps

Fig. 8

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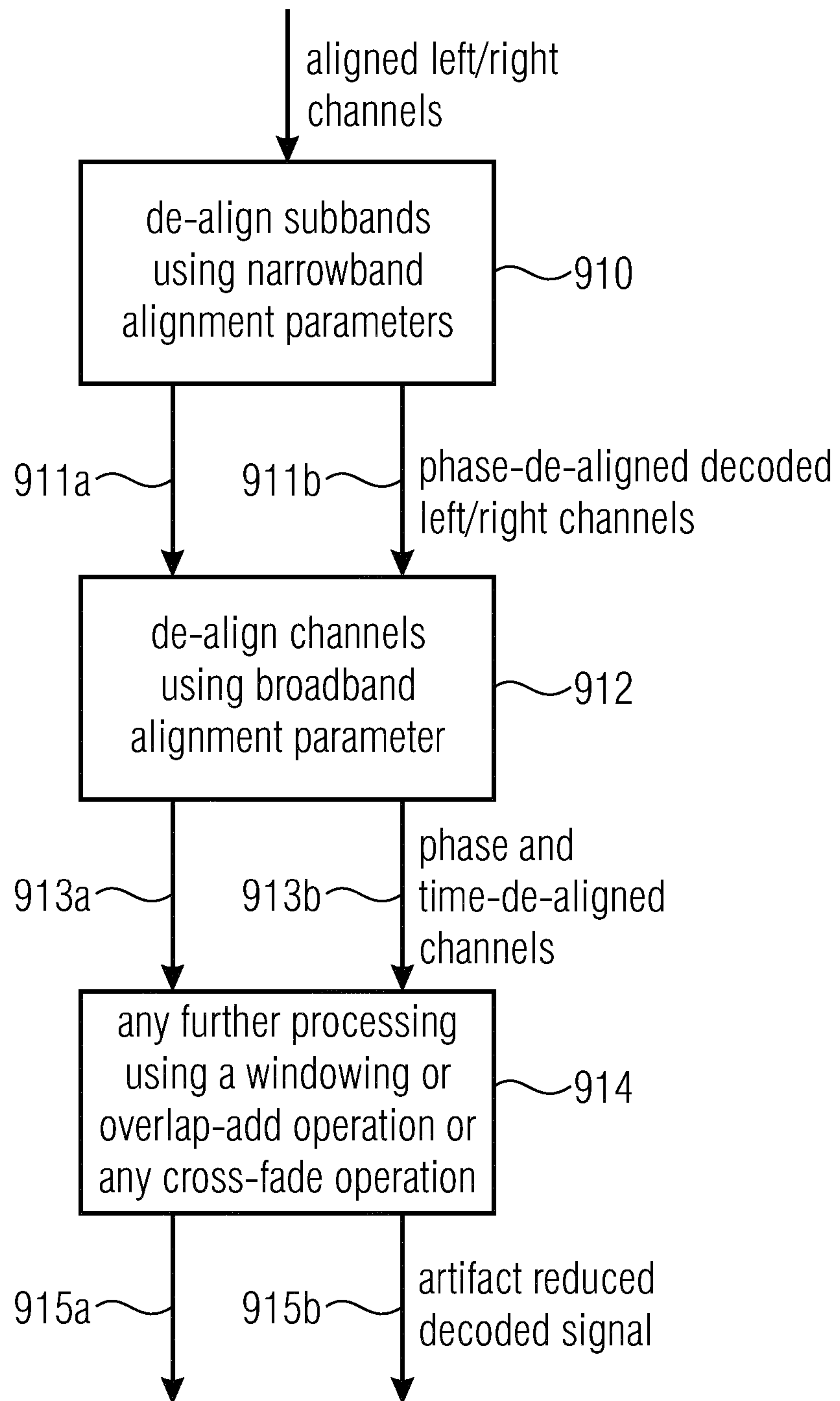


Fig. 9a

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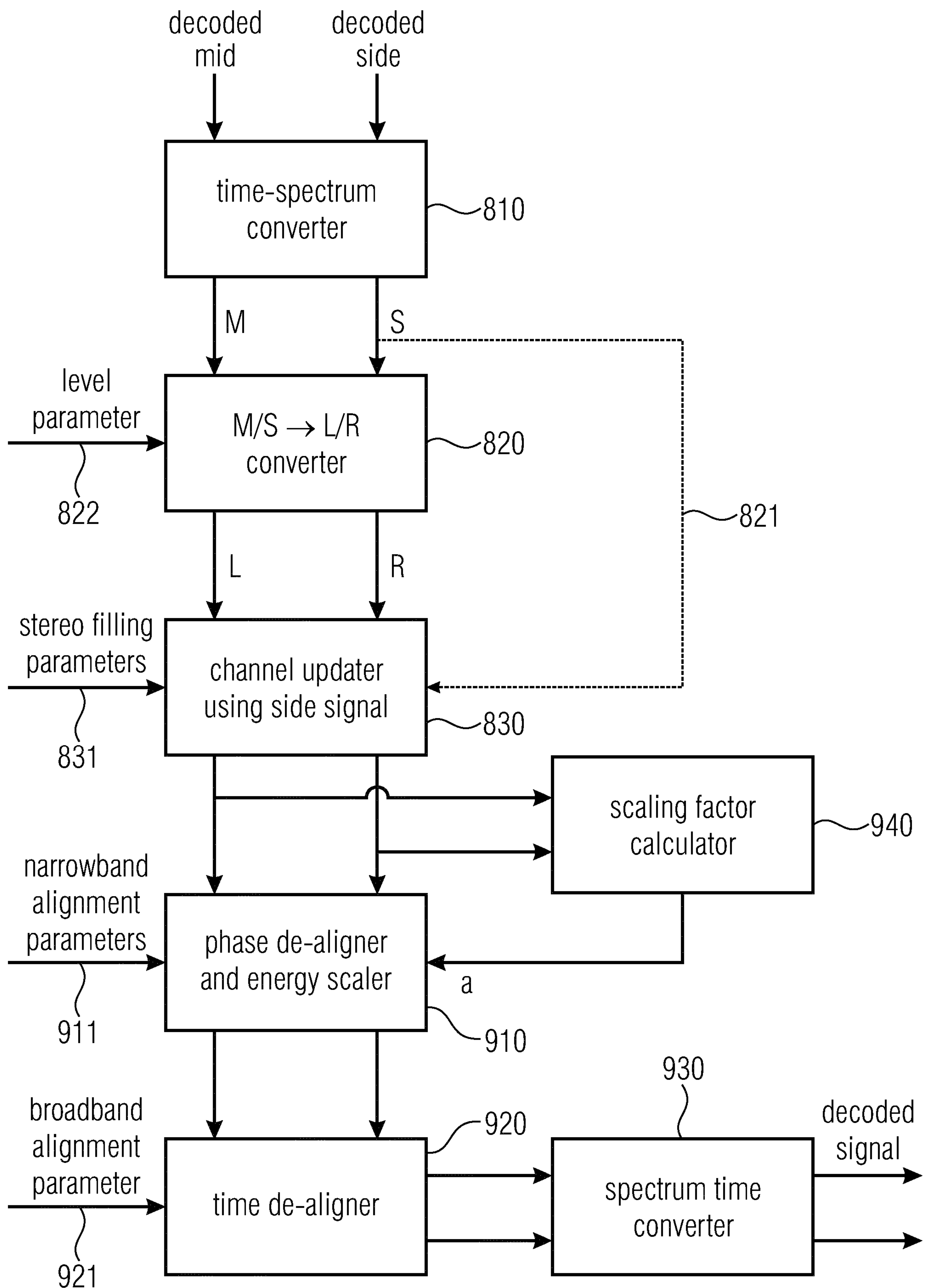


Fig. 9b

SUBSTITUTE SHEET (RULE 26)

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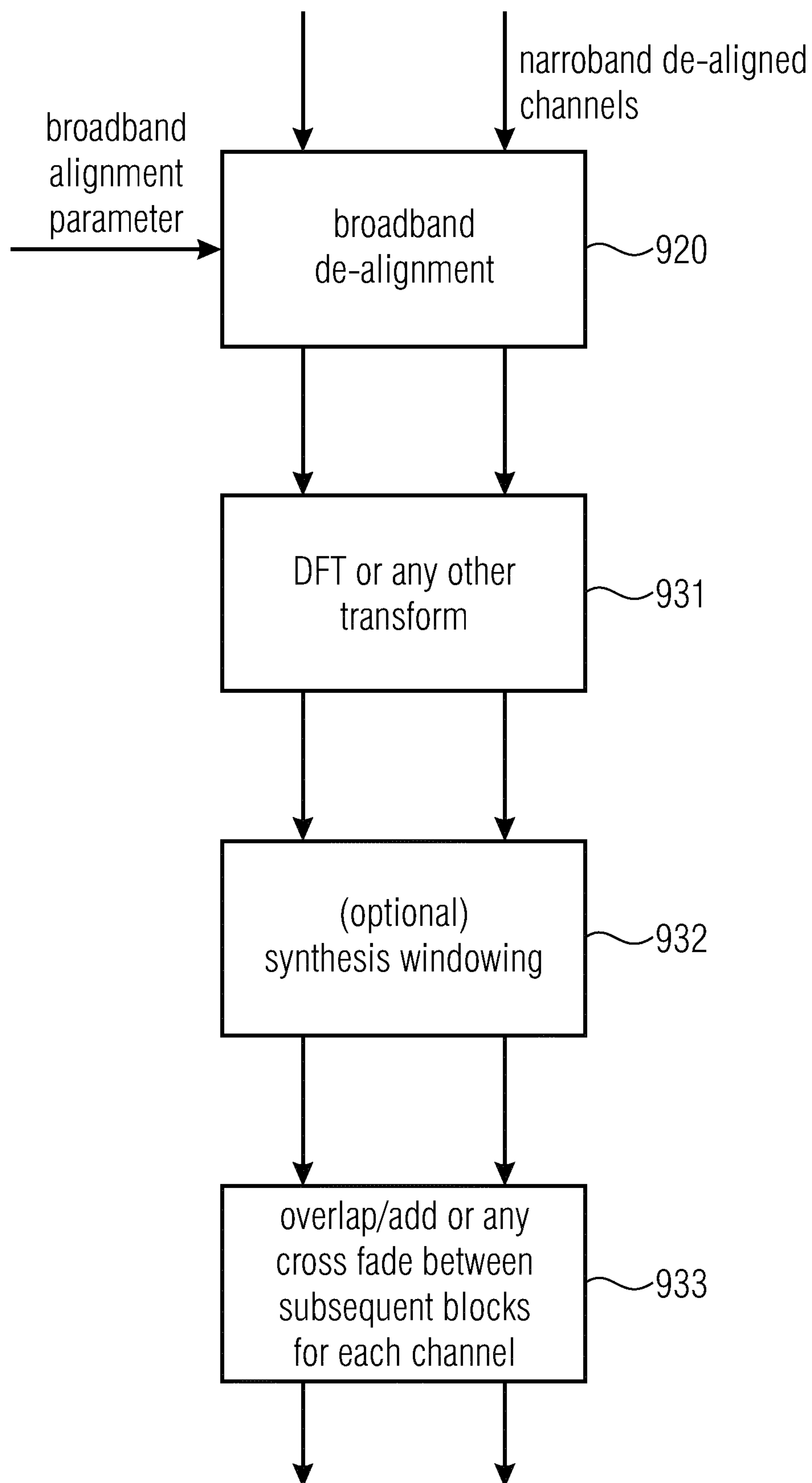


Fig. 9c

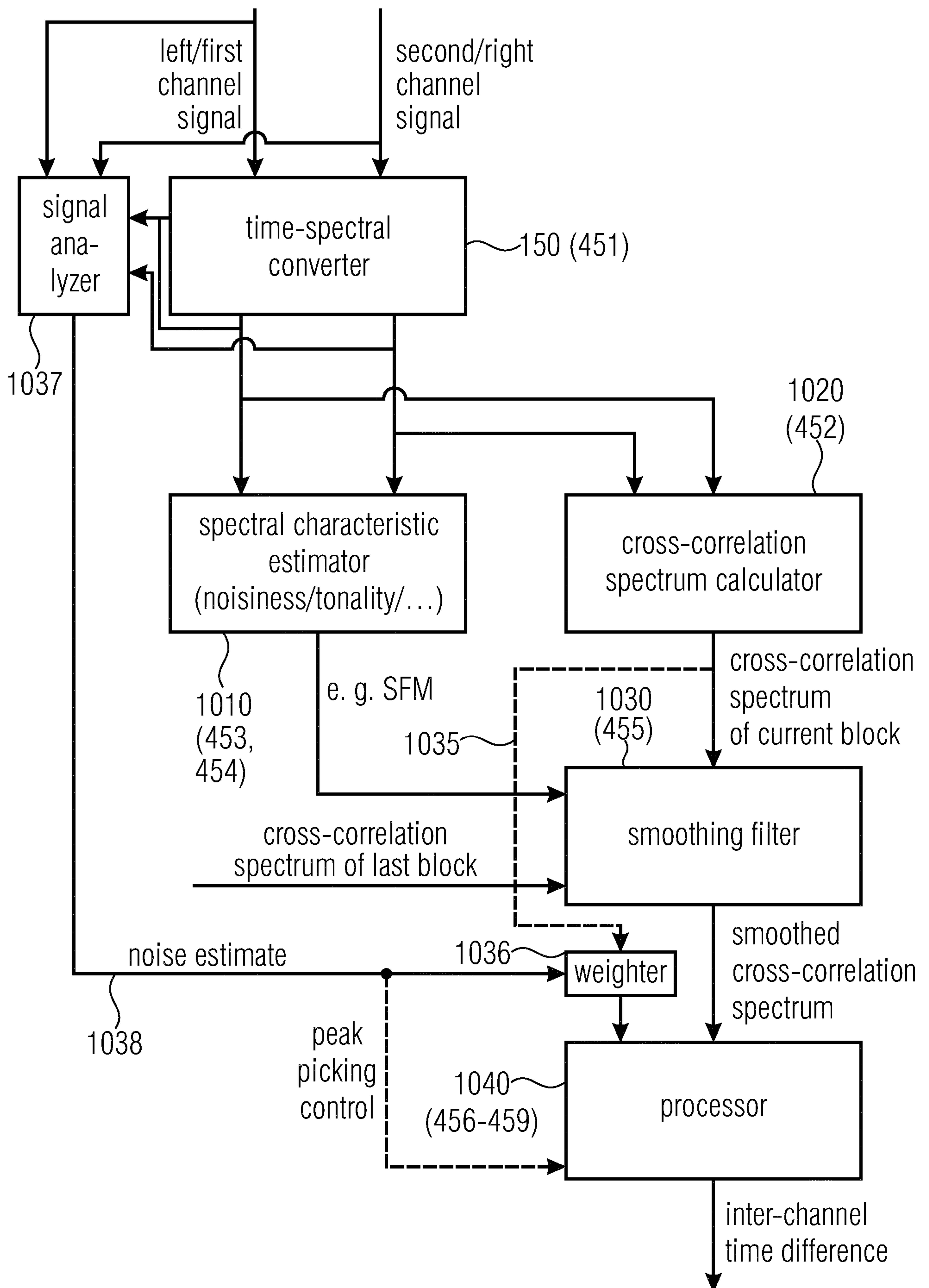
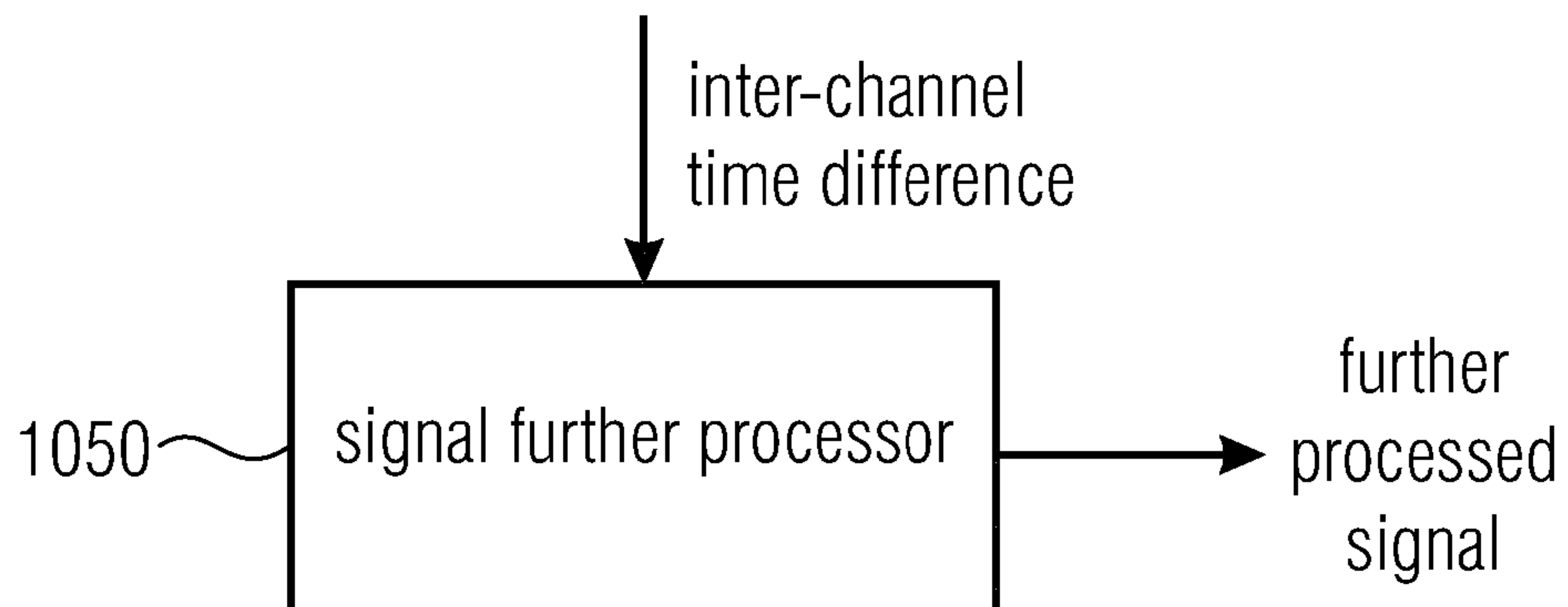


Fig. 10a

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- storage/transmission of parametric data
- stereo/multi-channel processing/encoding
- time alignment of two channels
- time difference of arrival estimation for determination of speaker position in room with two microphones and known microphone setup
- beamforming
- spatial filtering
- foreground/background decomposition
- location of sound source
e. g. by acoustic triangulation based on time differences of two/three signals

Fig. 10b

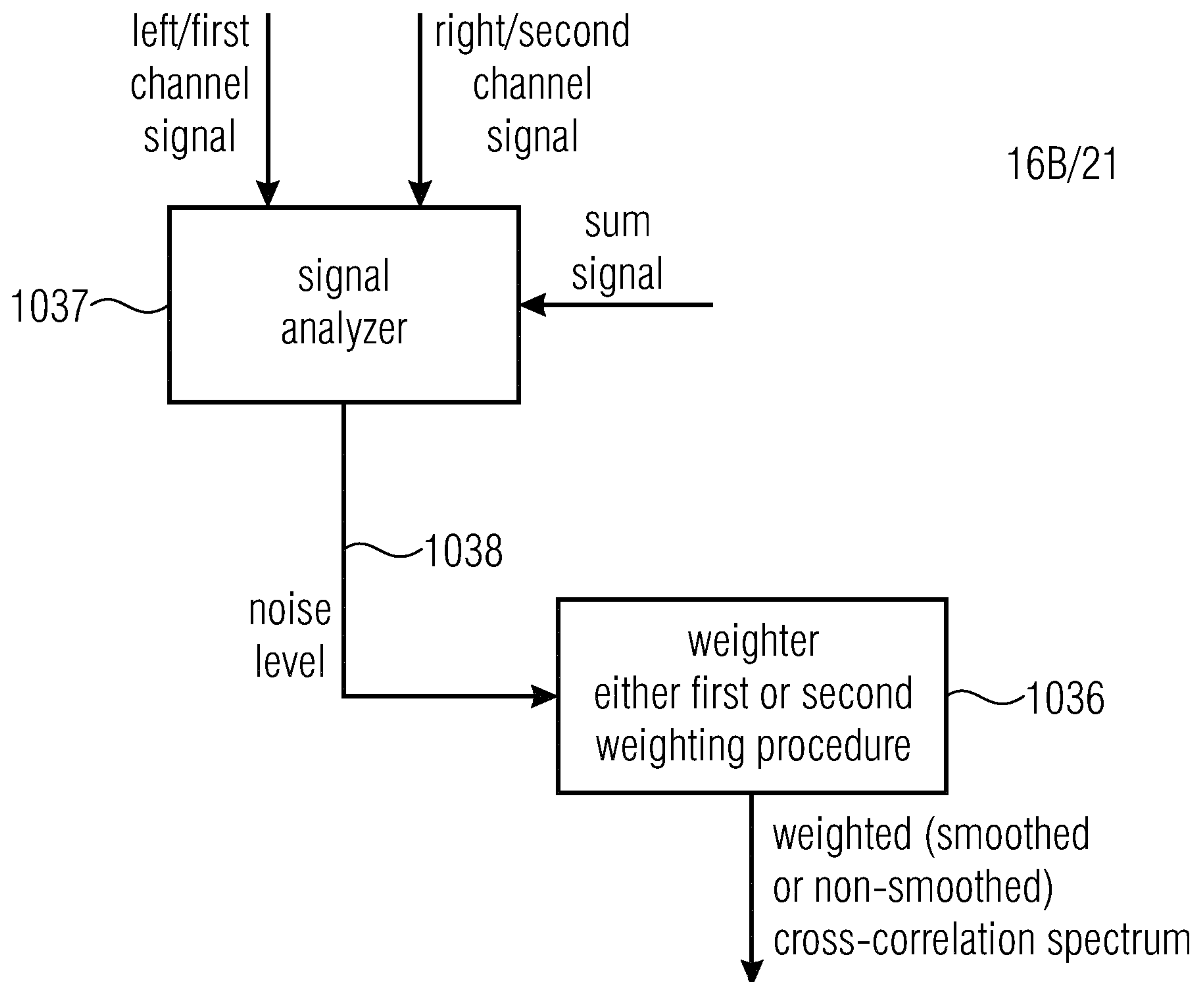


Fig. 10c

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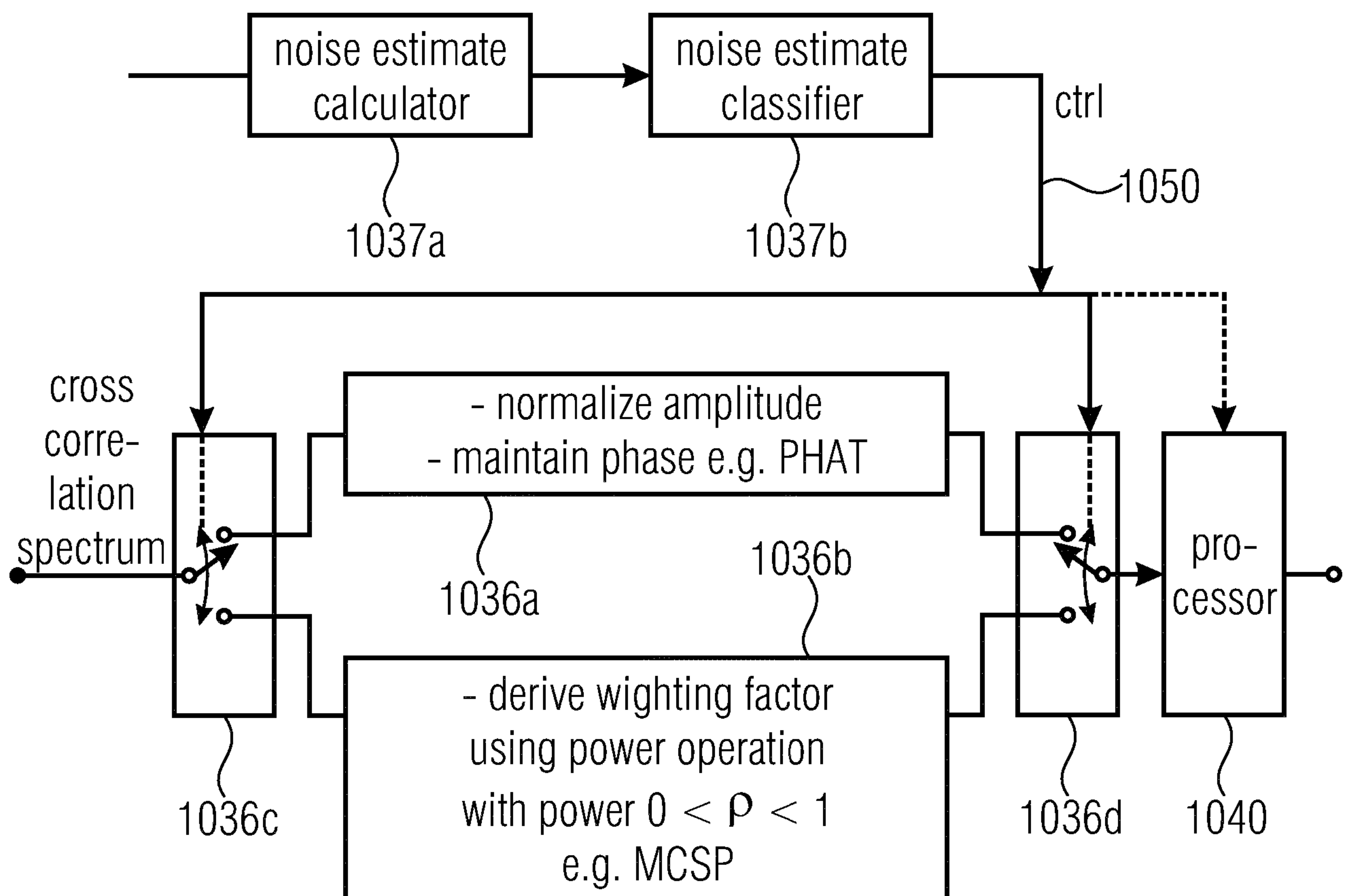
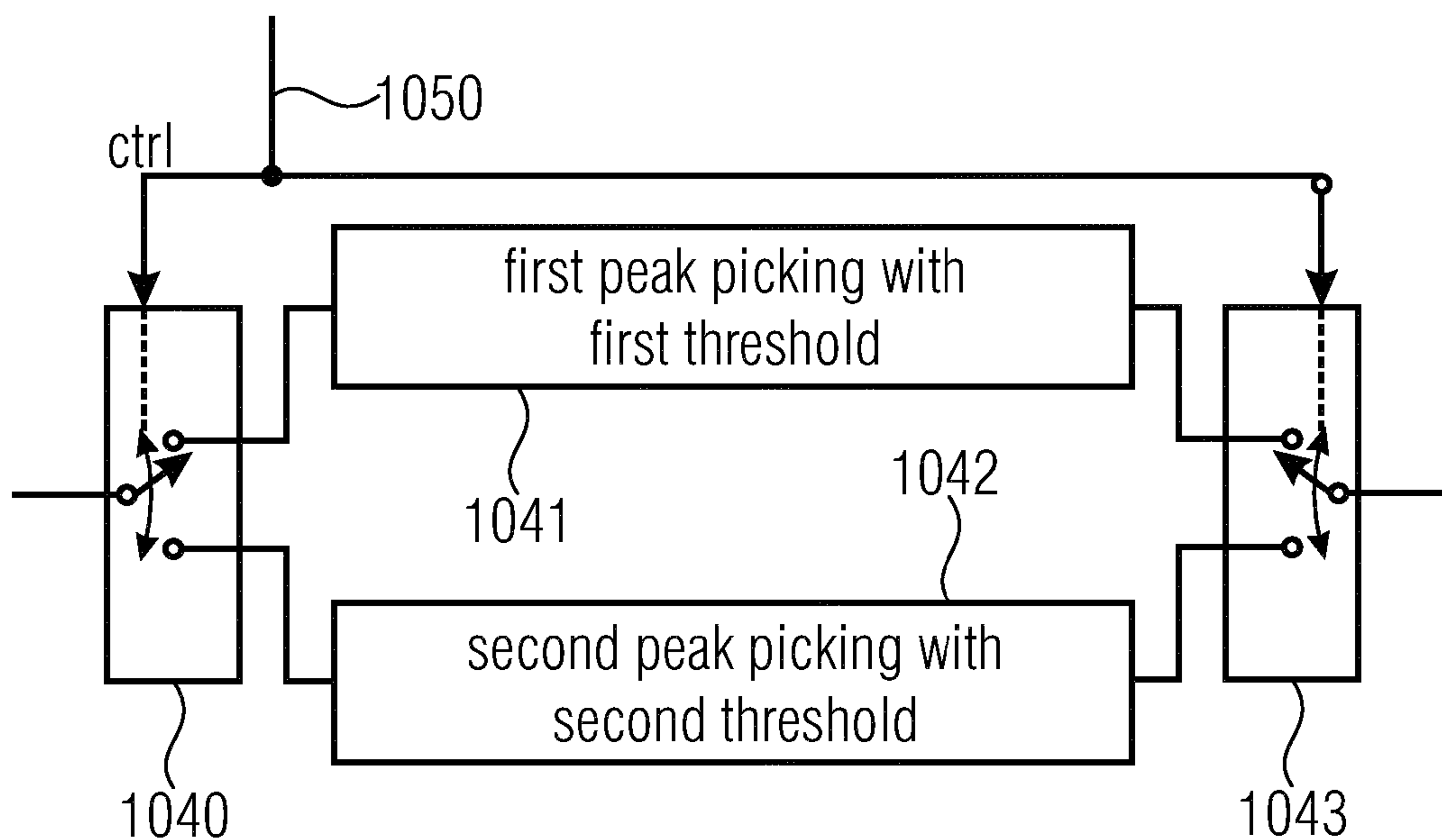


Fig. 10d



- second threshold lower than first threshold

Fig. 10e

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input signal (frame by frame)

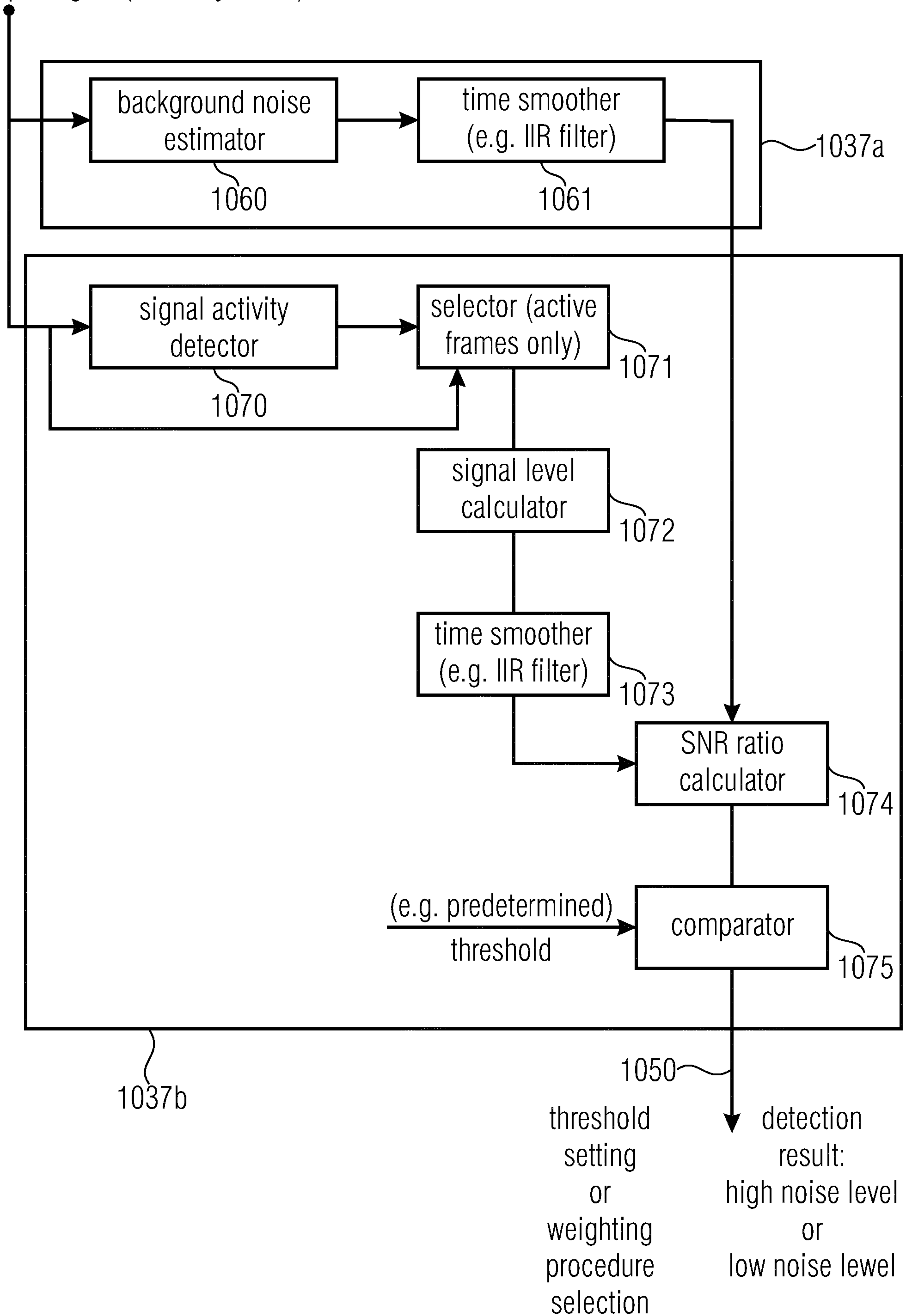


Fig. 10f

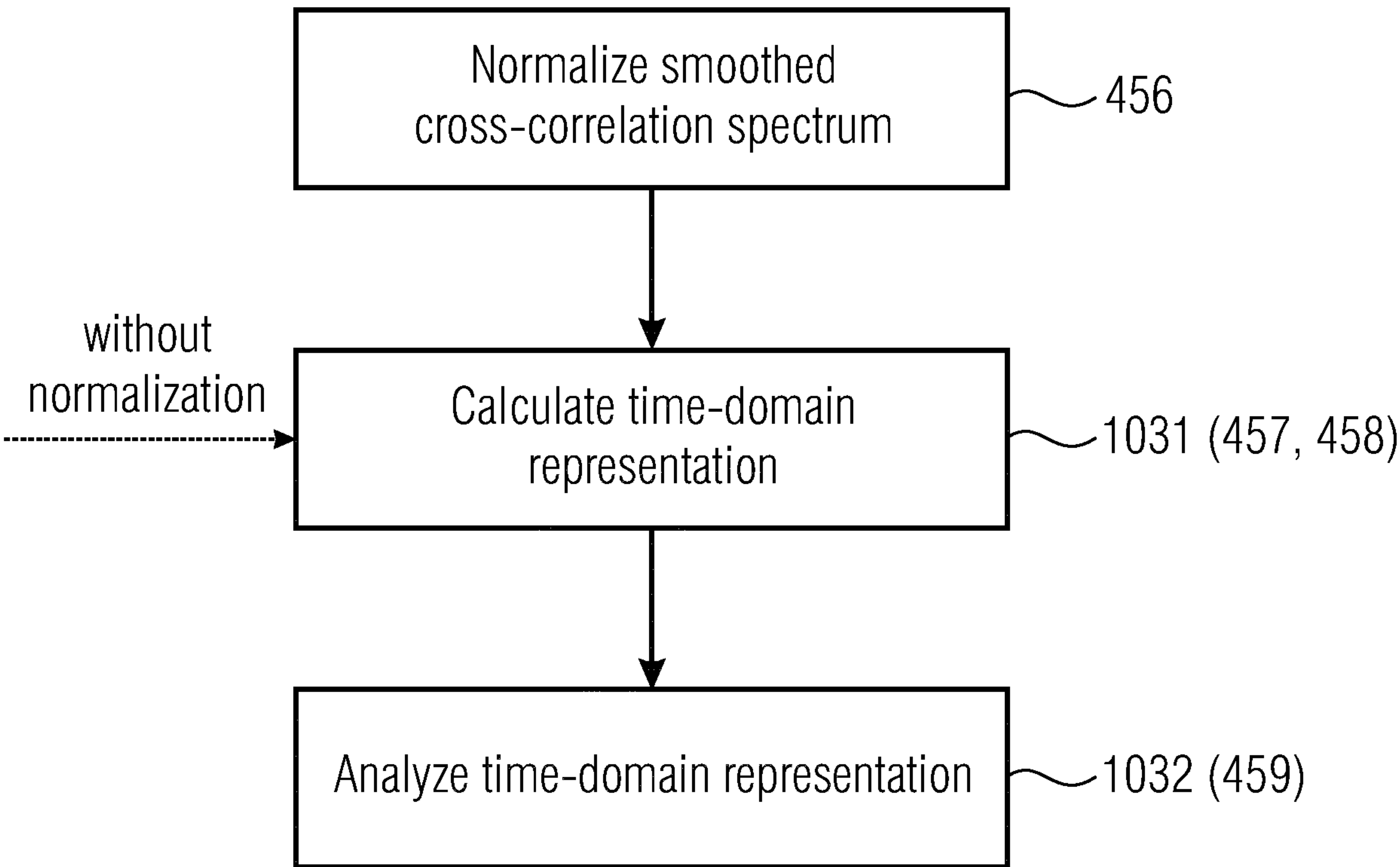


Fig. 11a

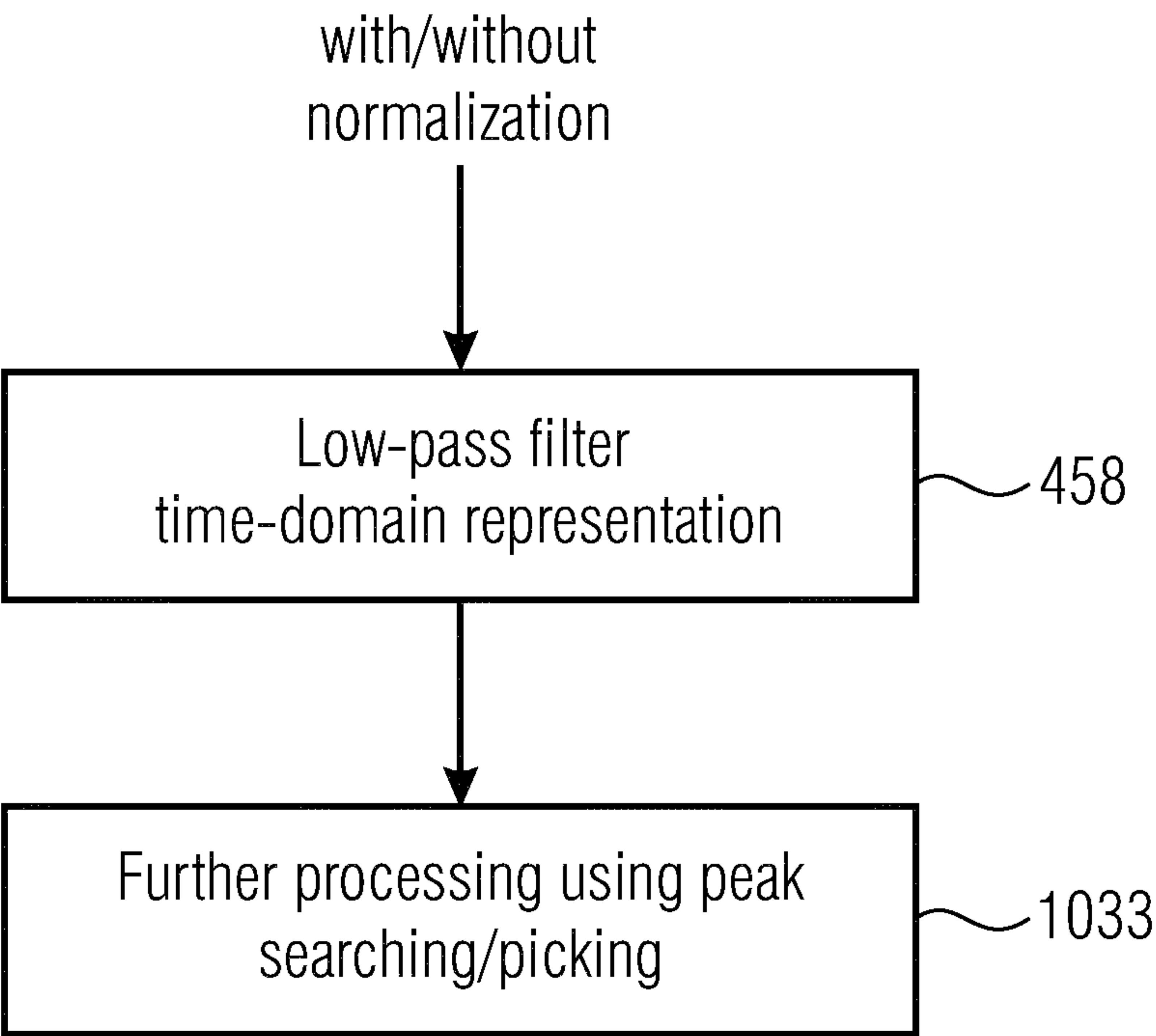


Fig. 11b

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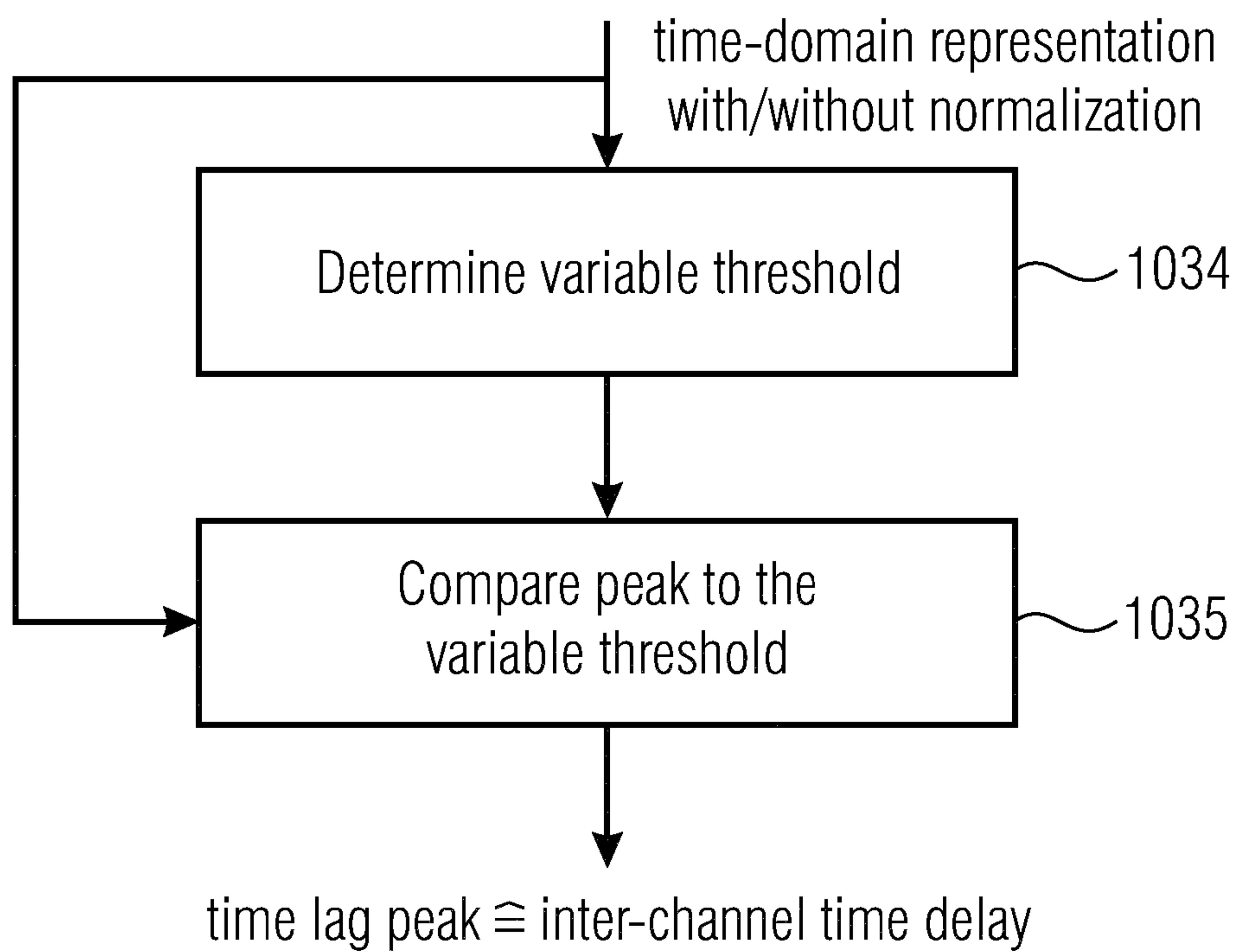


Fig. 11c

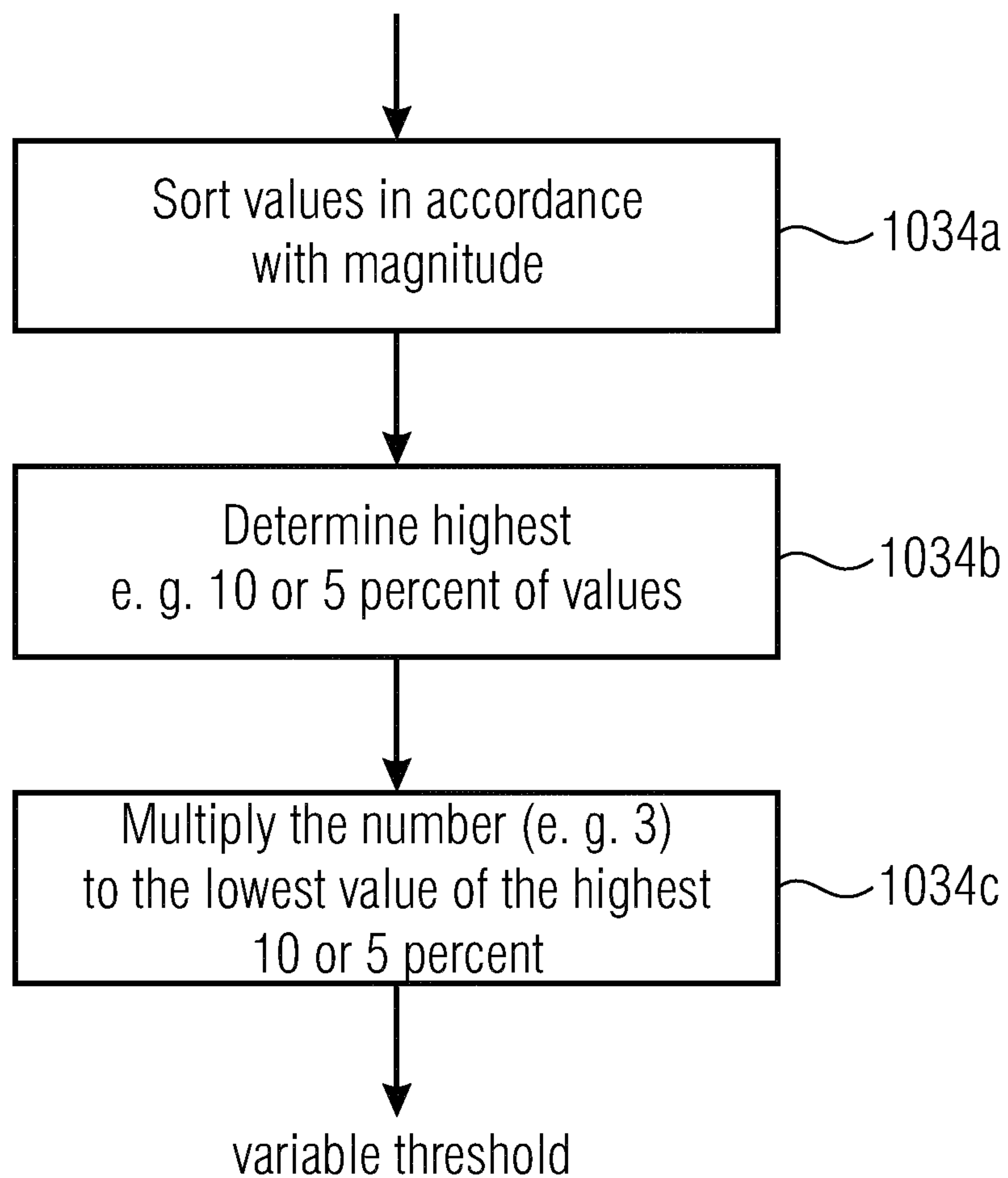


Fig. 11d

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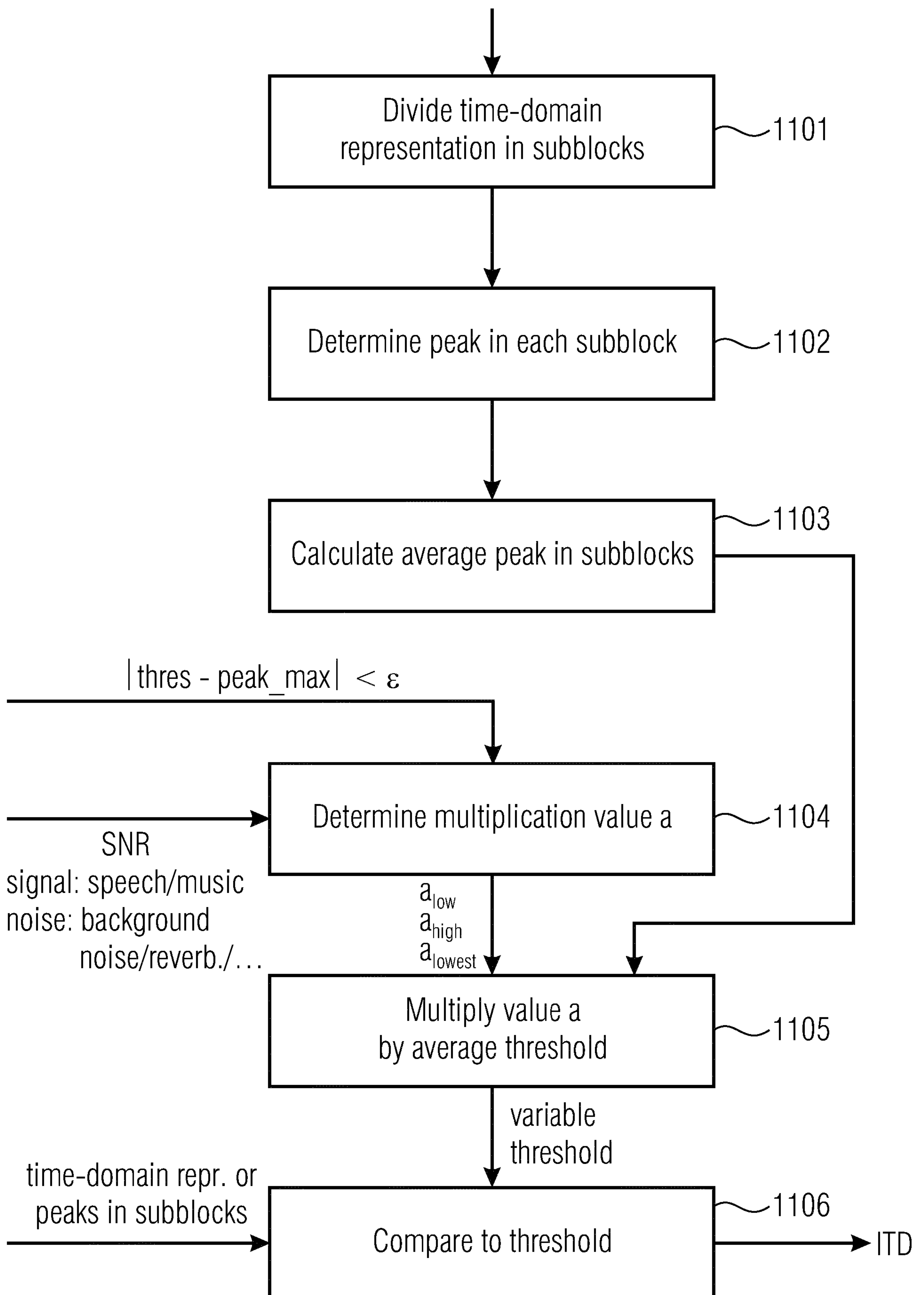


Fig. 11e

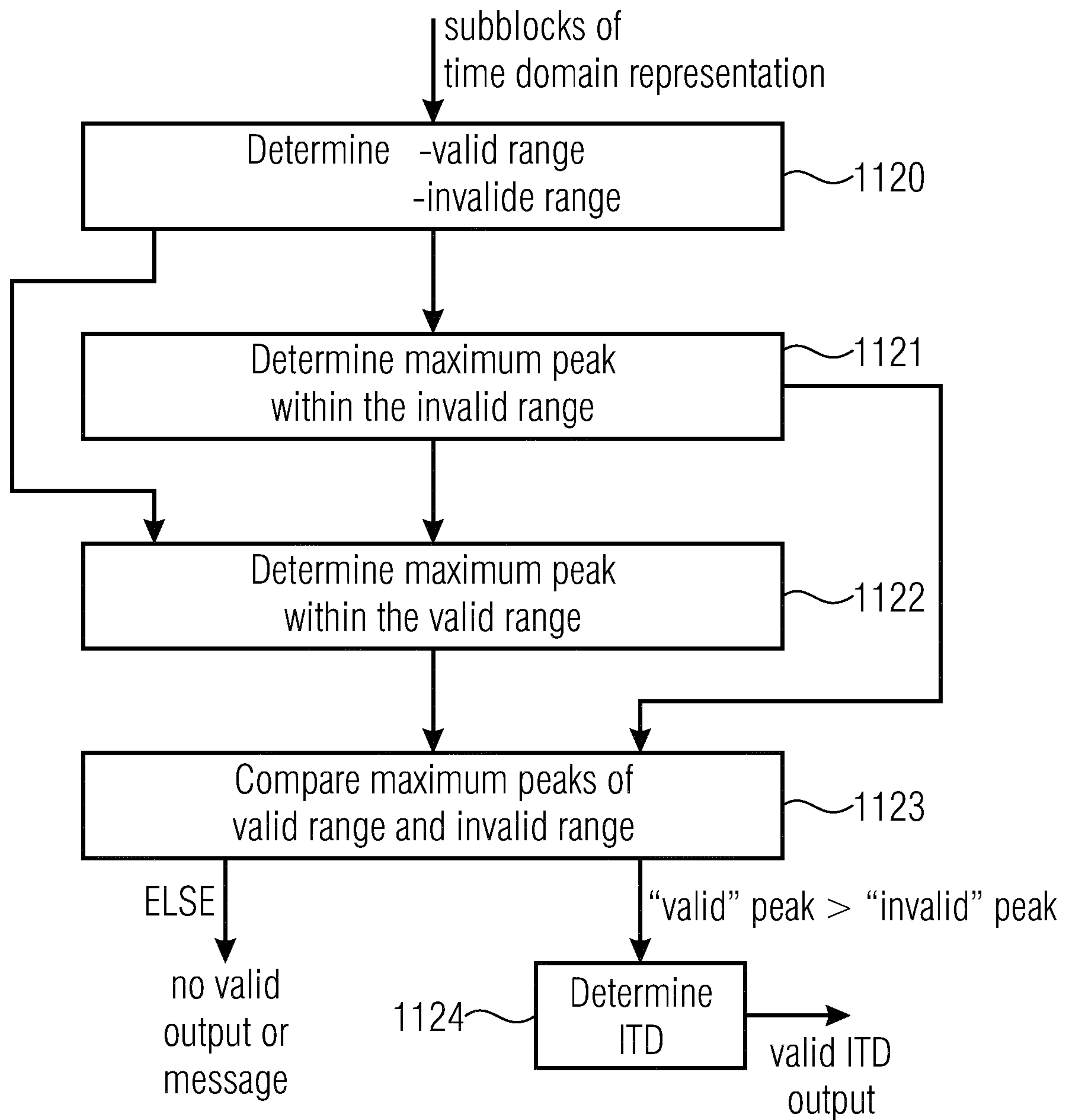


Fig. 11f

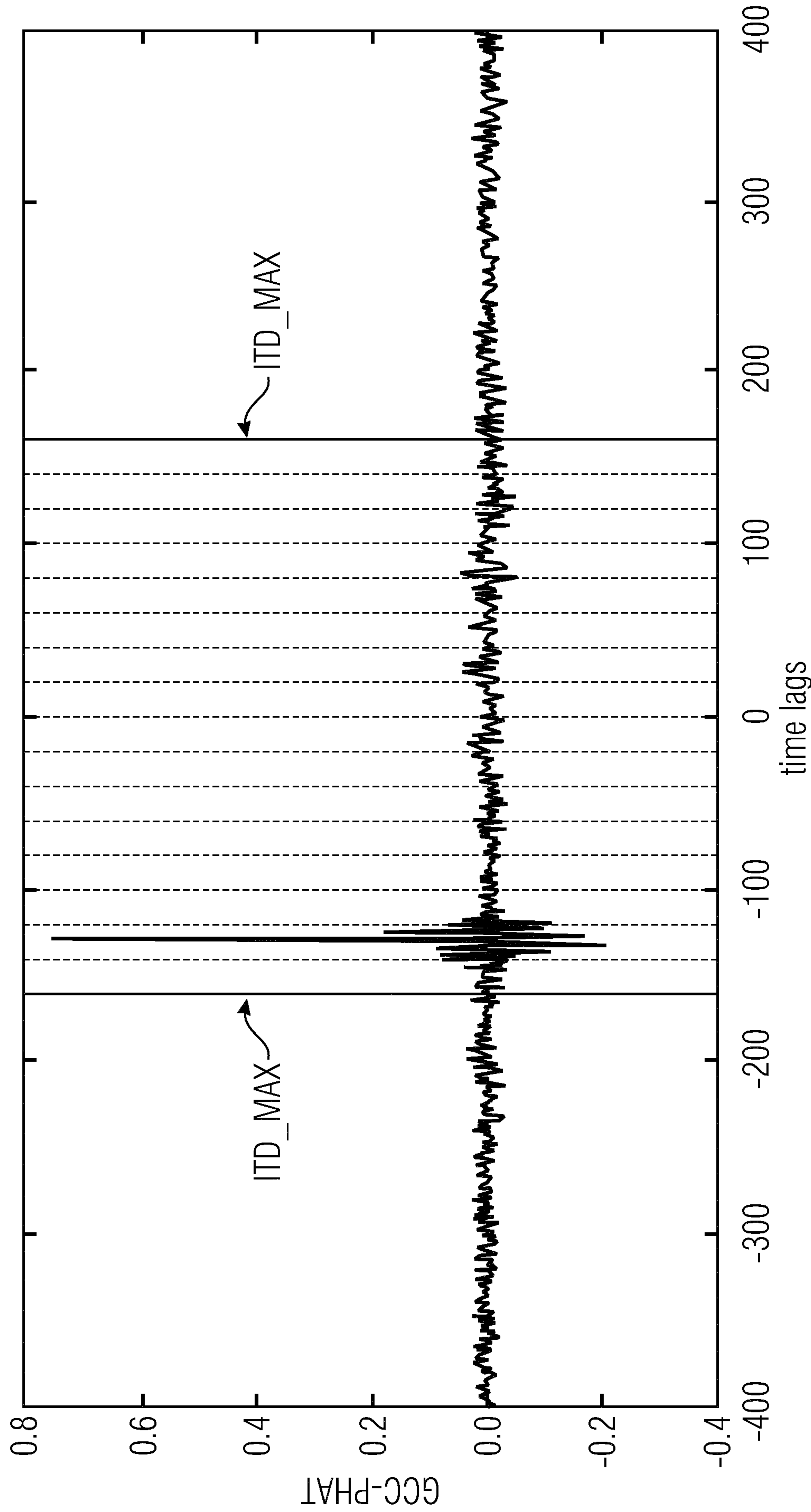


Fig. 12

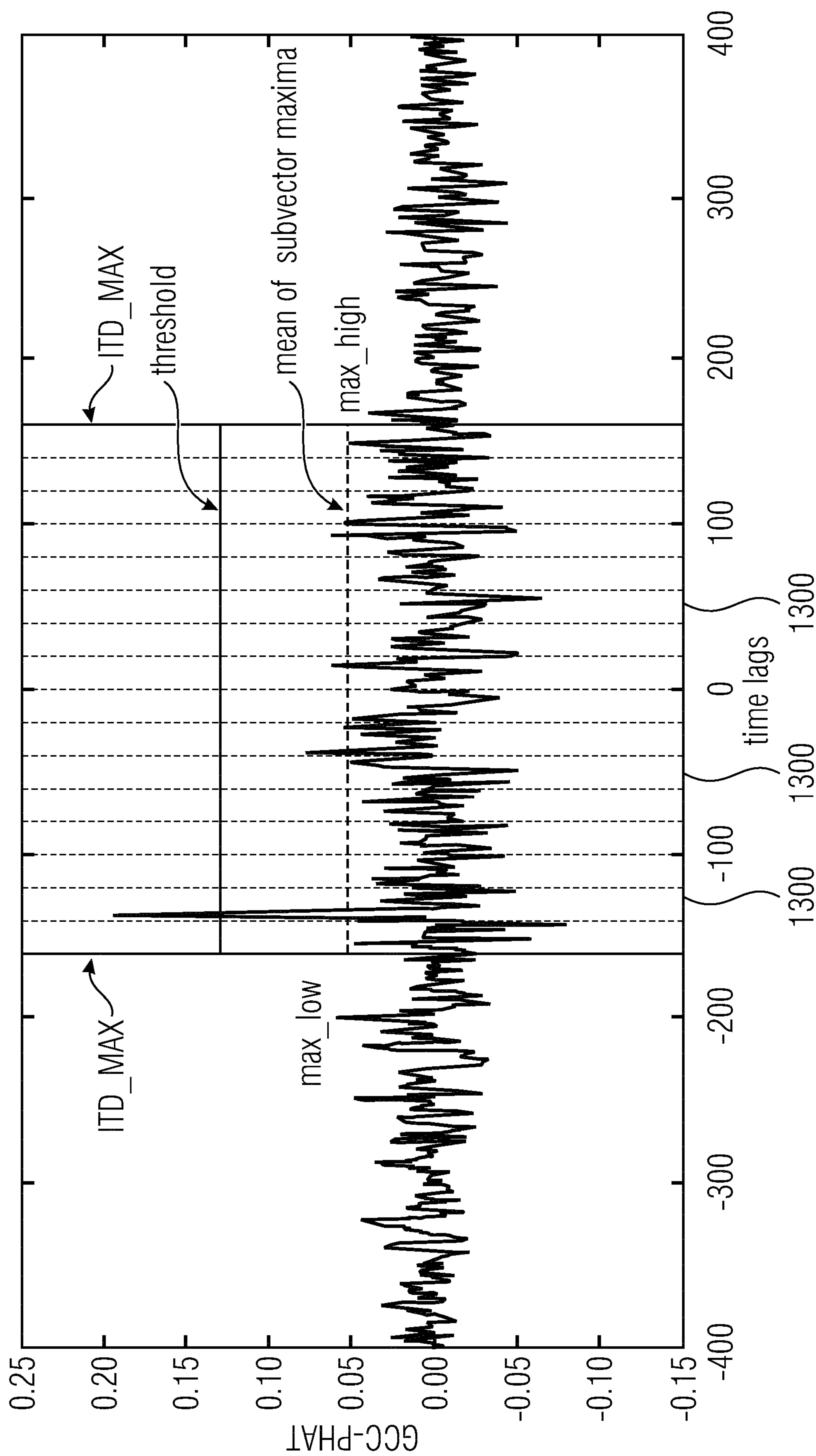


Fig. 13