

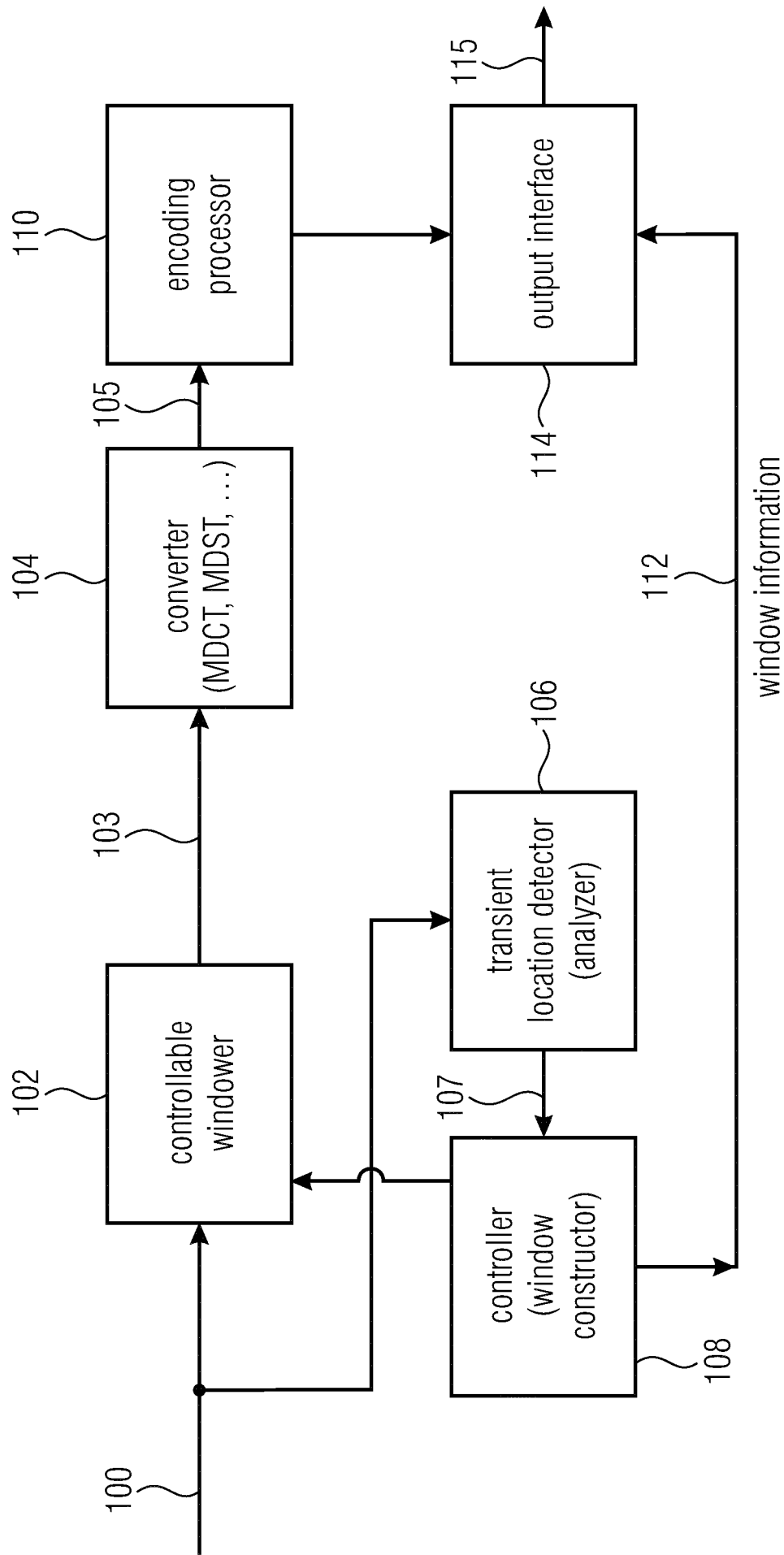


FIG 1A
(ENCODER)

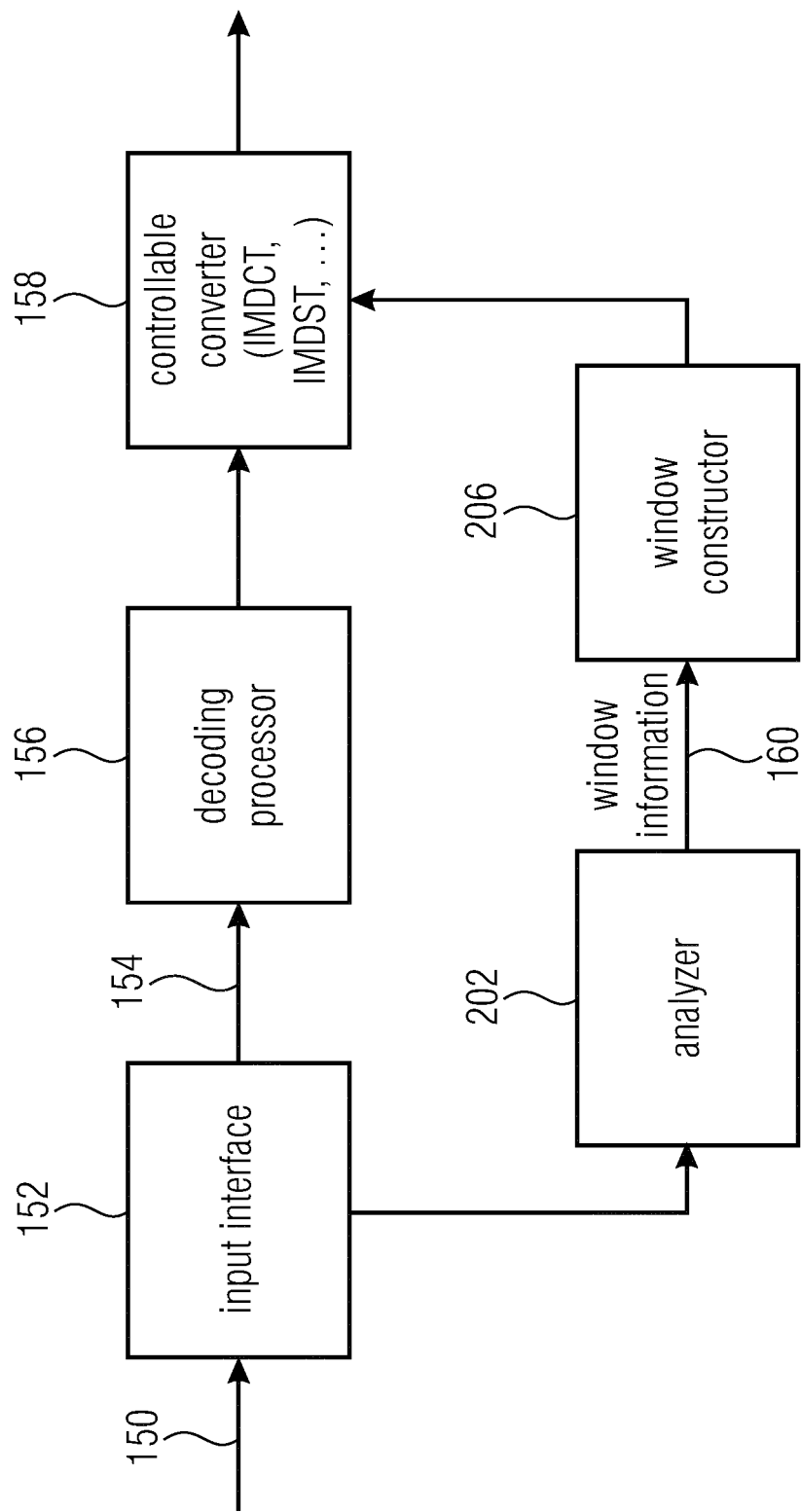


FIG 1B
(DECODER)

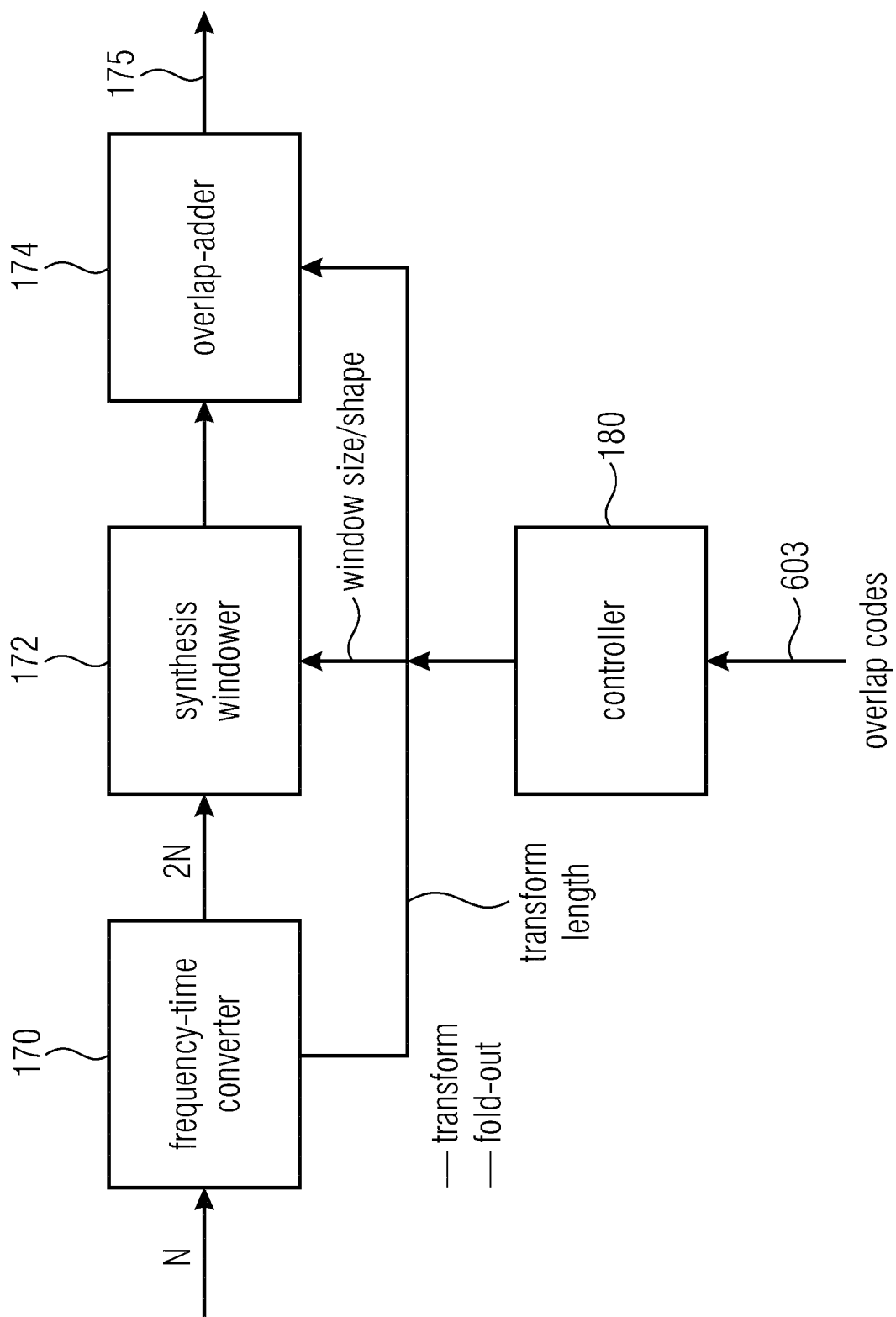


FIG 1C

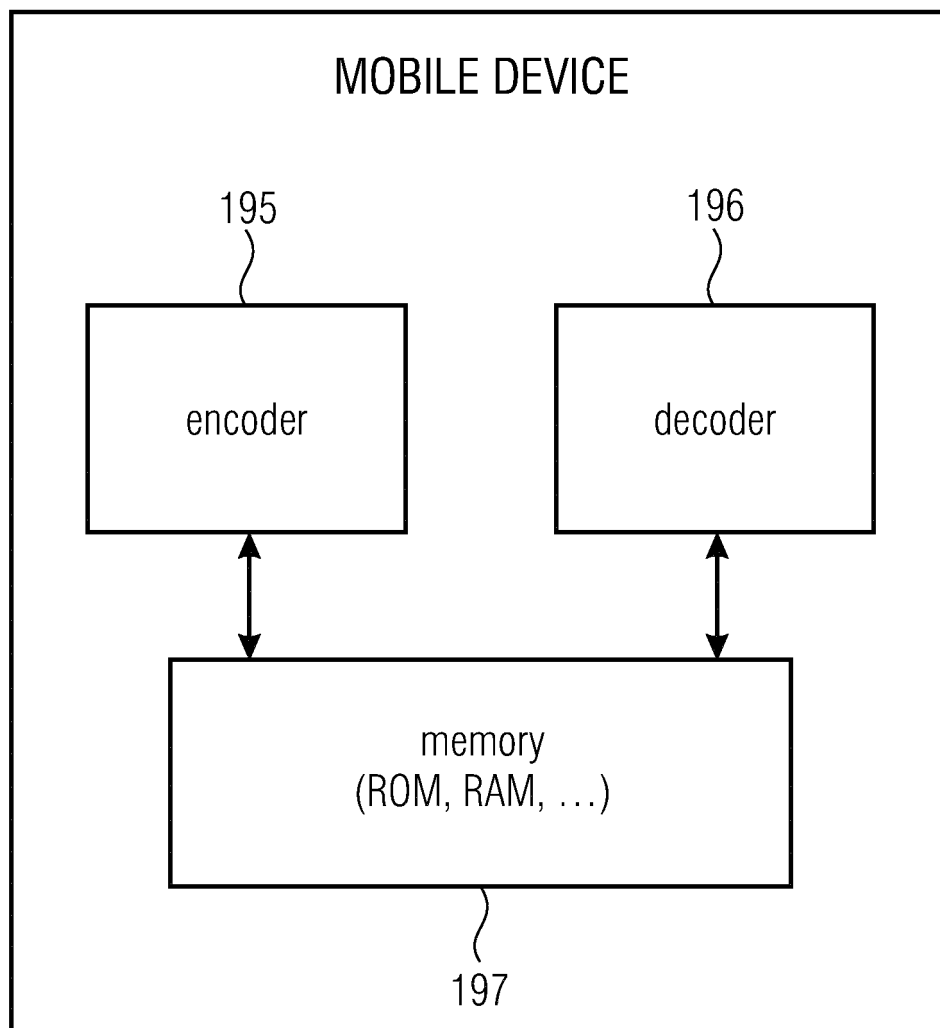
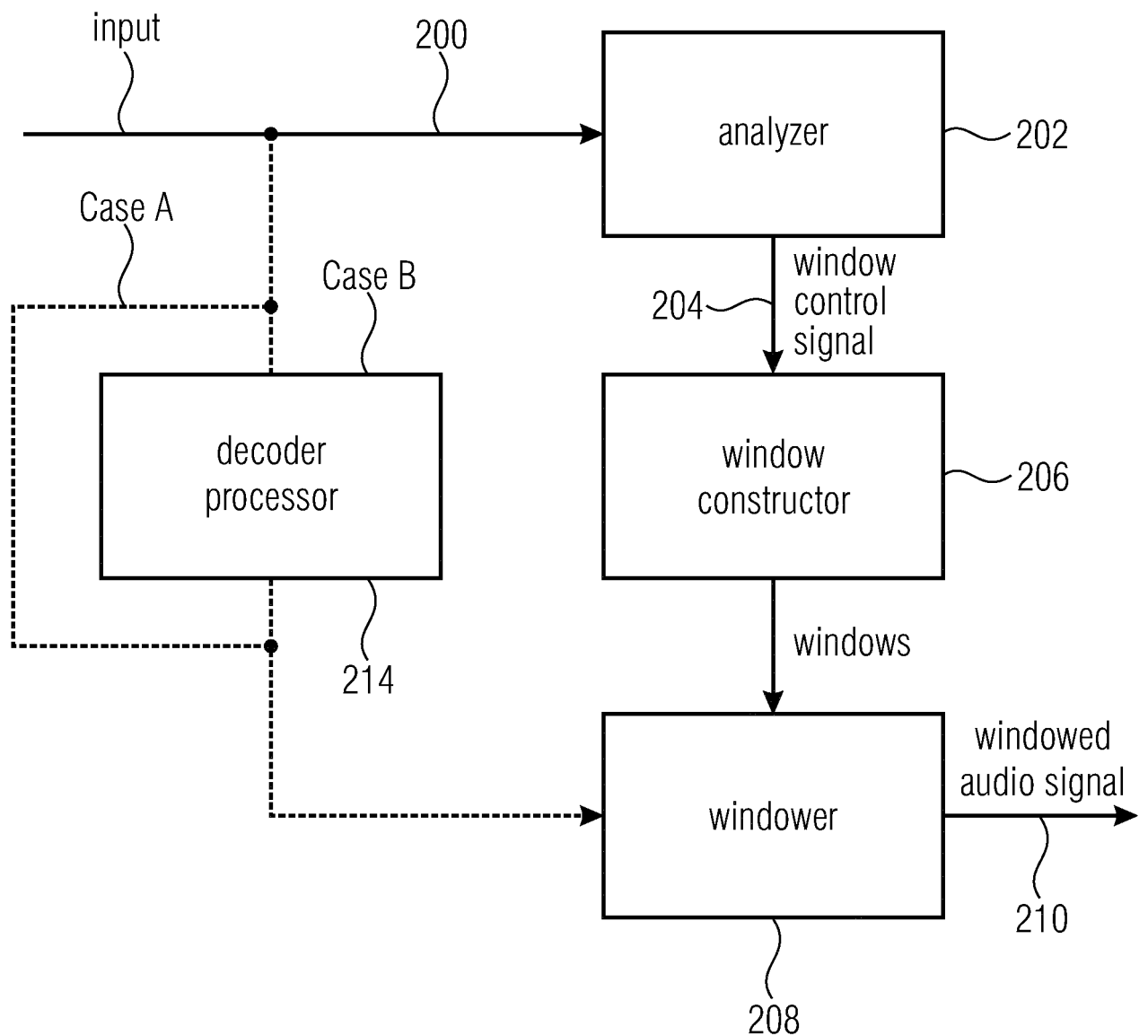


FIG 1D

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- Case A:
- input is audio signal; audio signal analysis
 - 1st and 2nd windows are analysis windows
 - windowed signal is encoder-side processed

- Case B:
- input is windowed audio signal; bitstream analysis
 - 3rd and 4th windows are synthesis windows
 - windowed signal is subjected to overlap-add for synthesis

FIG 2

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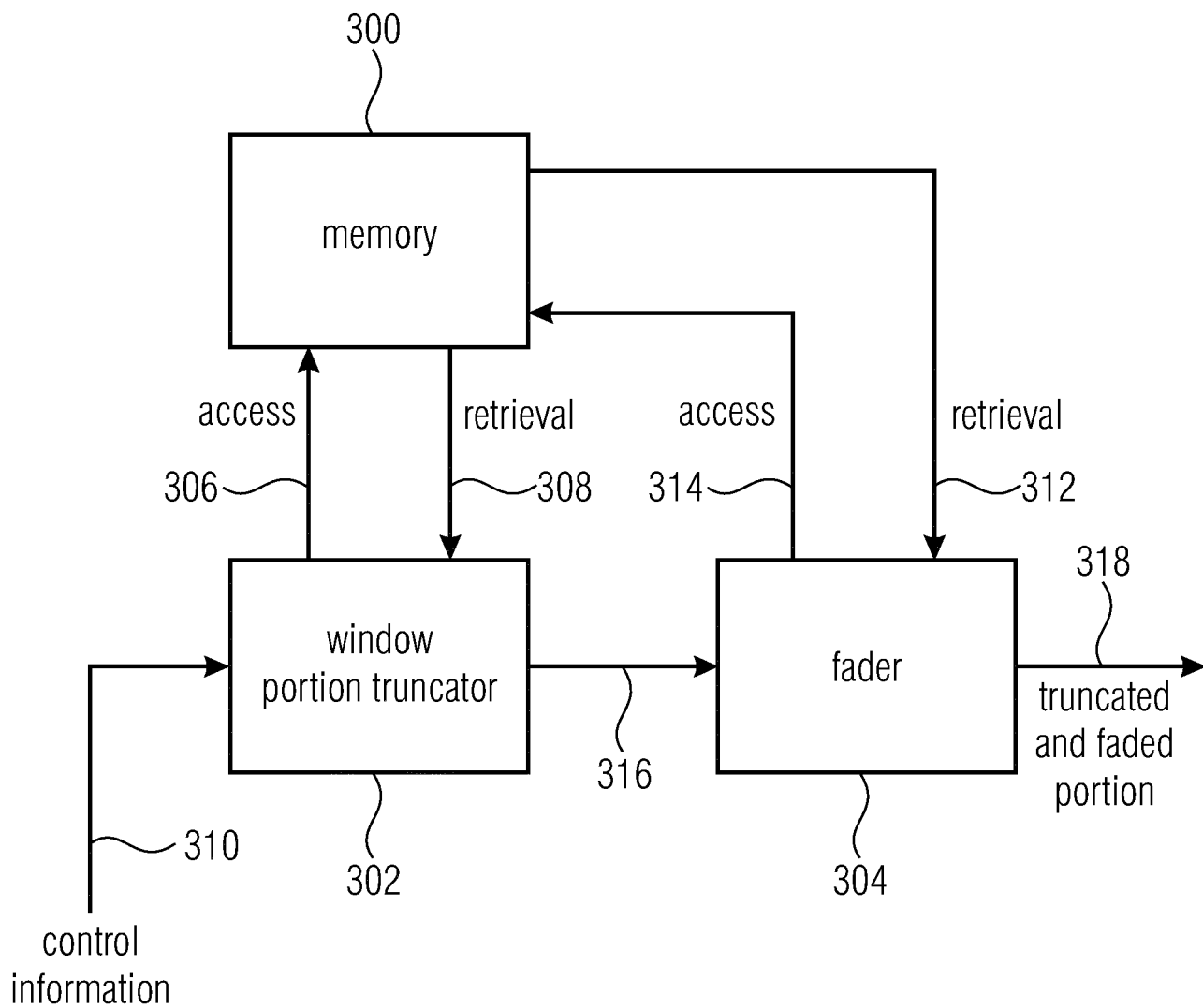


FIG 3

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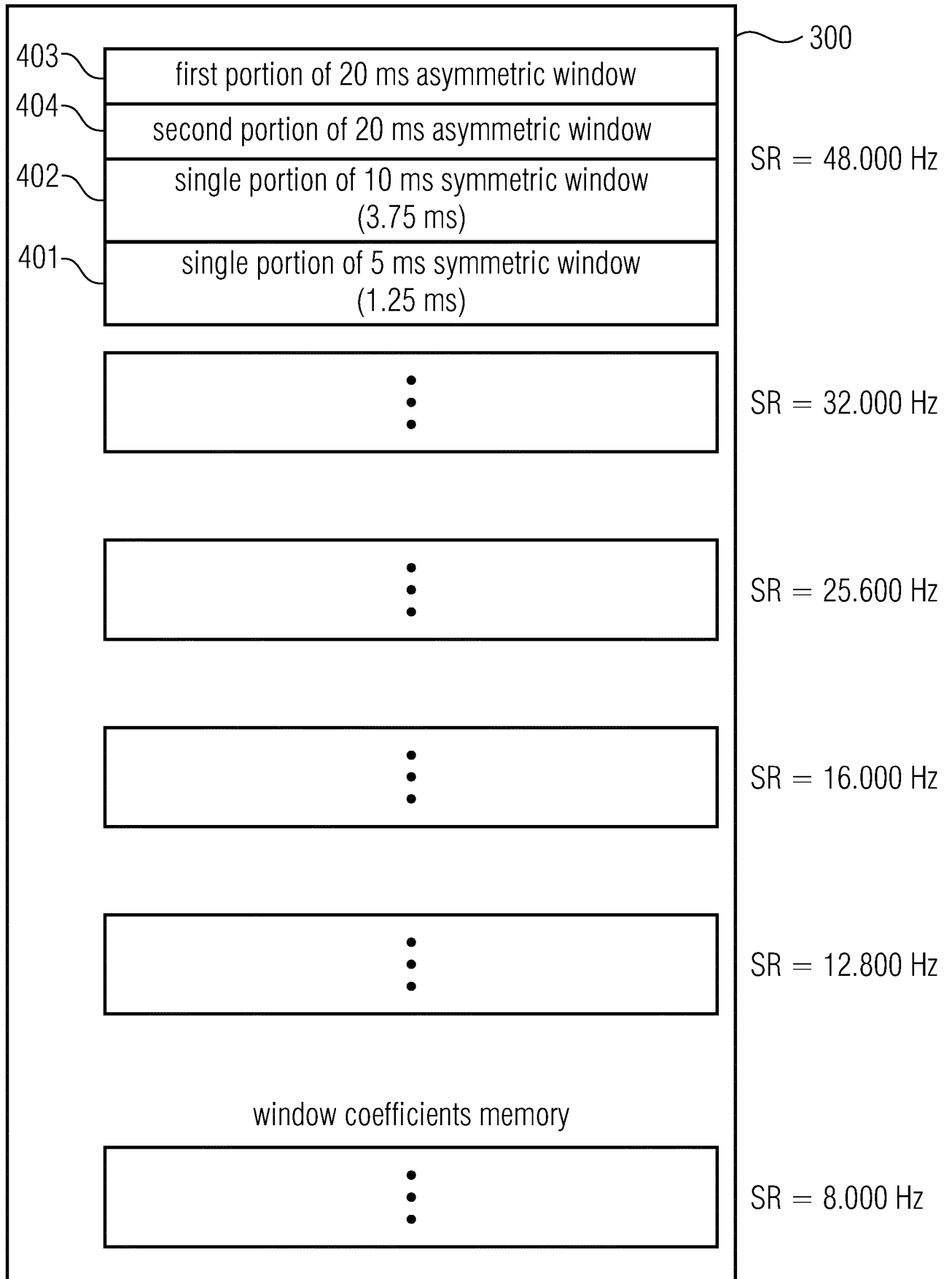


FIG 4

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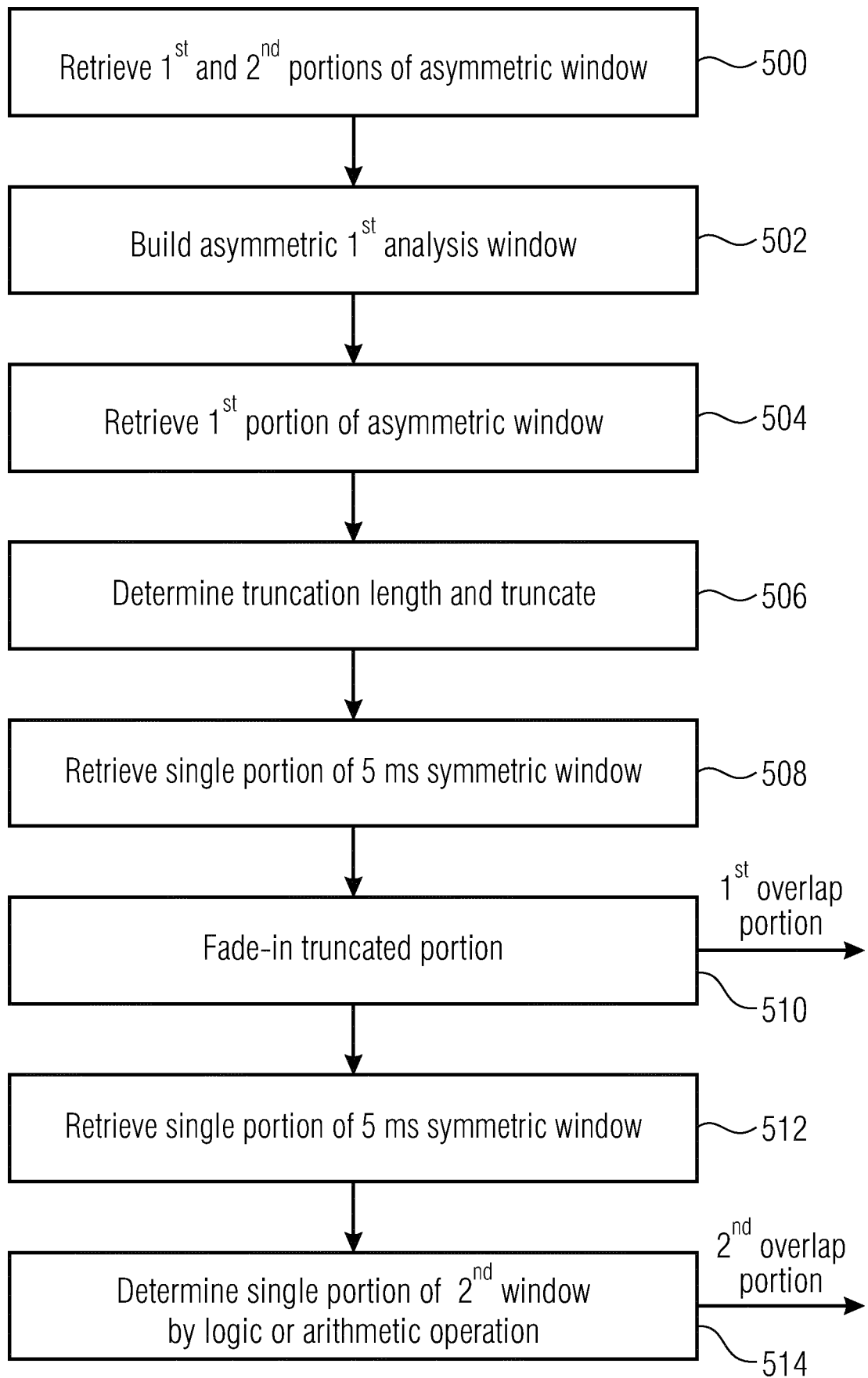


FIG 5

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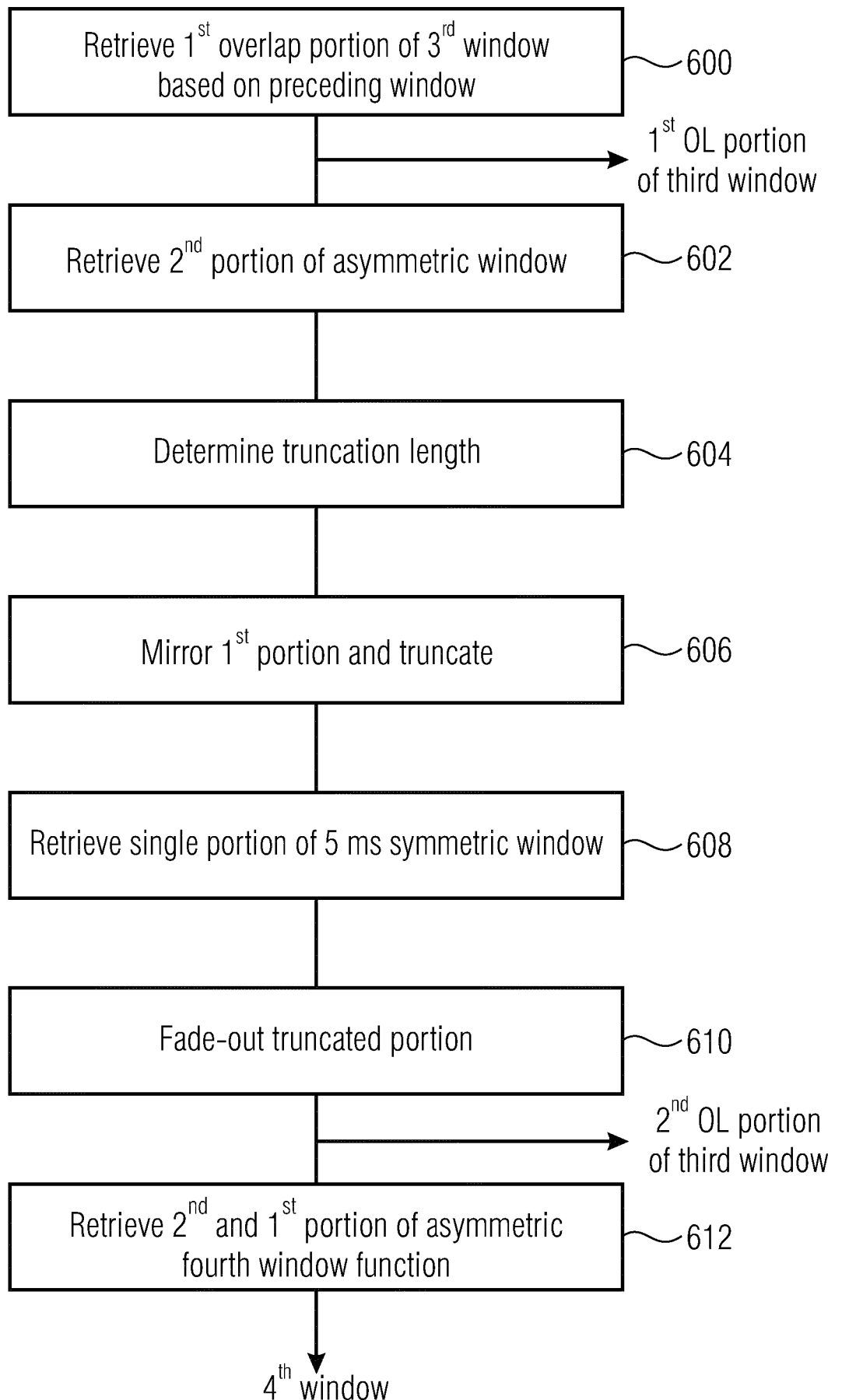


FIG 6

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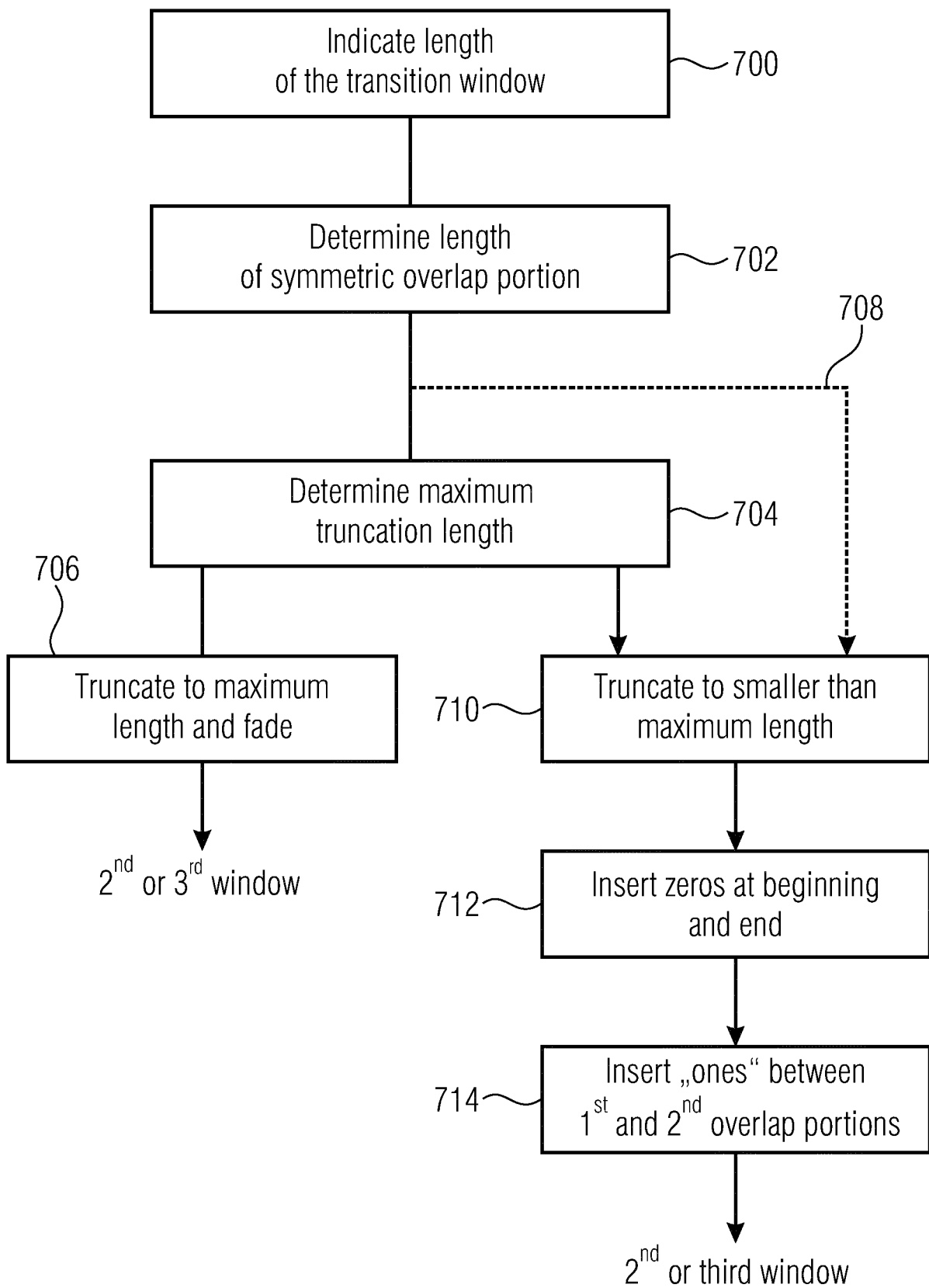


FIG 7

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asymmetric analysis window for 20 ms

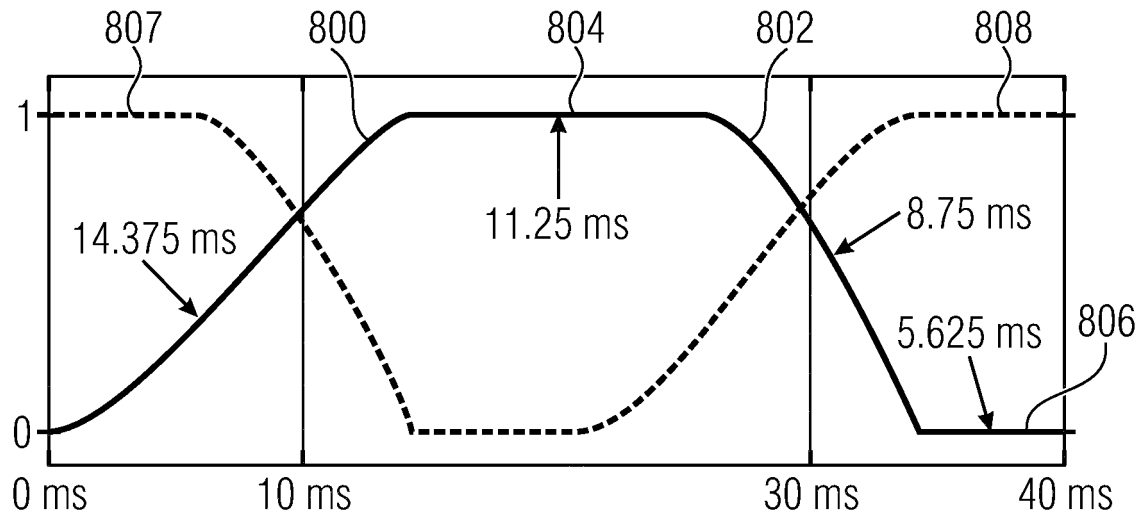


FIG 8A

asymmetric synthesis window for 20 ms

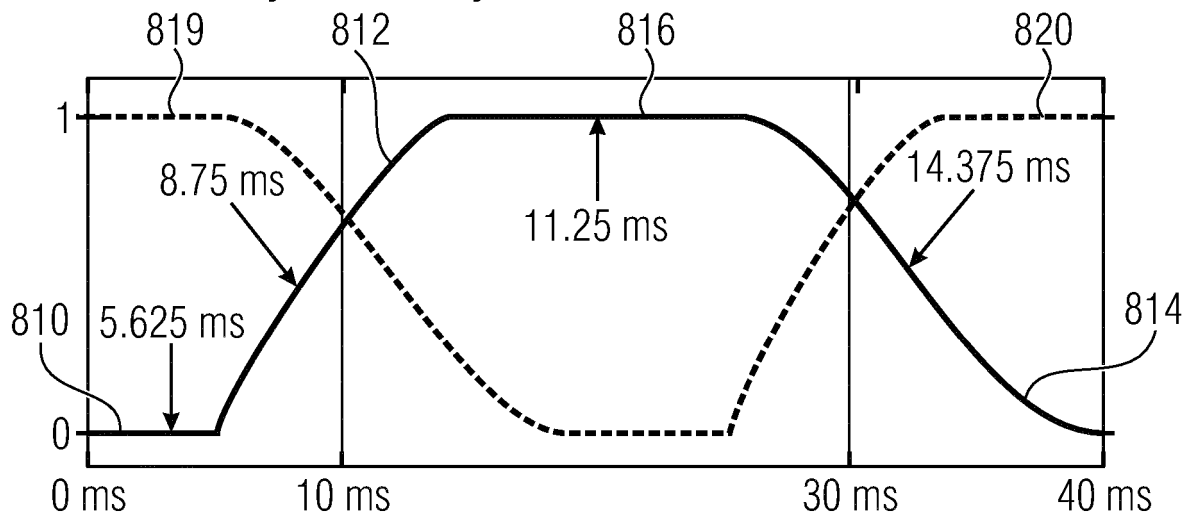


FIG 8B

asymmetric analysis window with fold-in portions

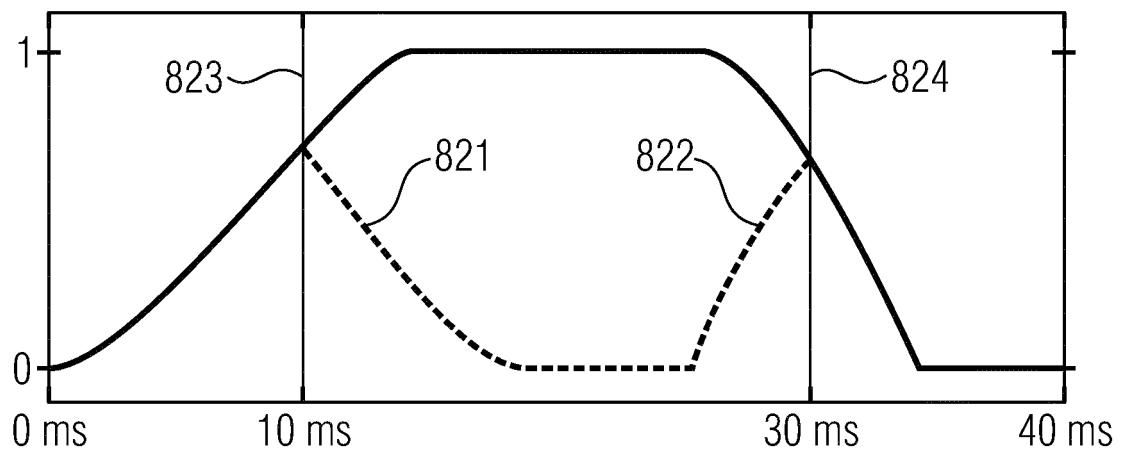


FIG 8C

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asymmetric analysis/synthesis window
with overlap of 3.75 for 10 ms block

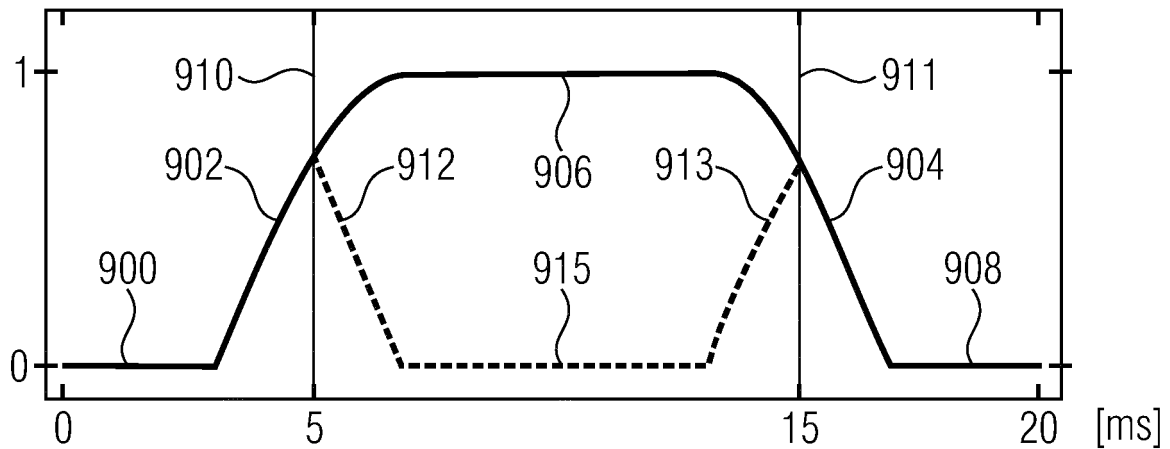


FIG 9A

window with symmetric overlap left (1.25 ms)
and symmetric overlap right (3.75 ms) for 10 ms

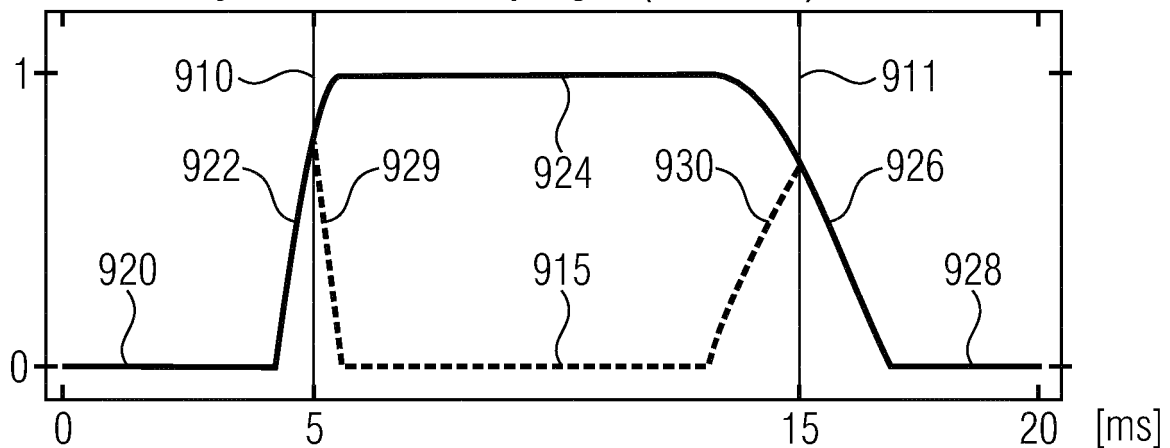


FIG 9B

window with symmetric overlap 1.25 ms left
and 3.75 ms right

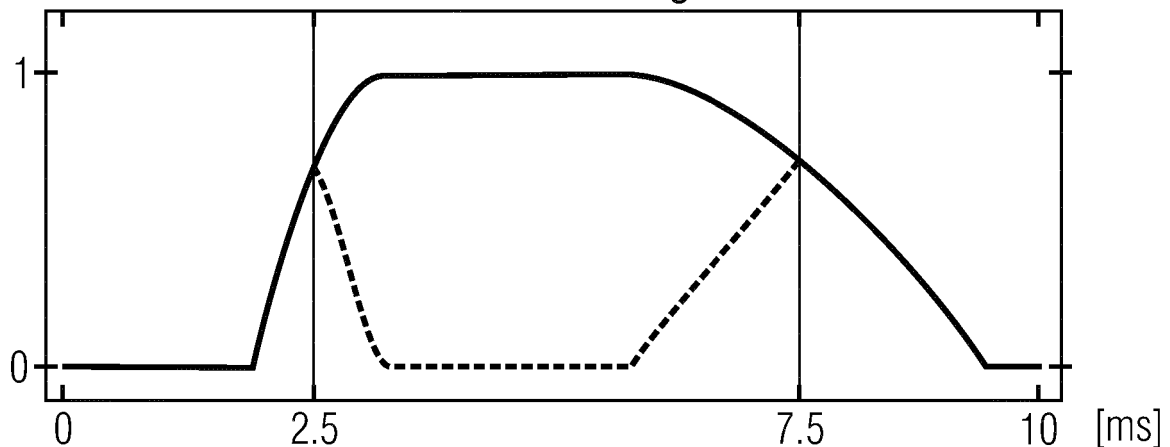


FIG 9C

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analysis transition window for 20 → 5;
left side truncated to 8.75; right OL 1.25

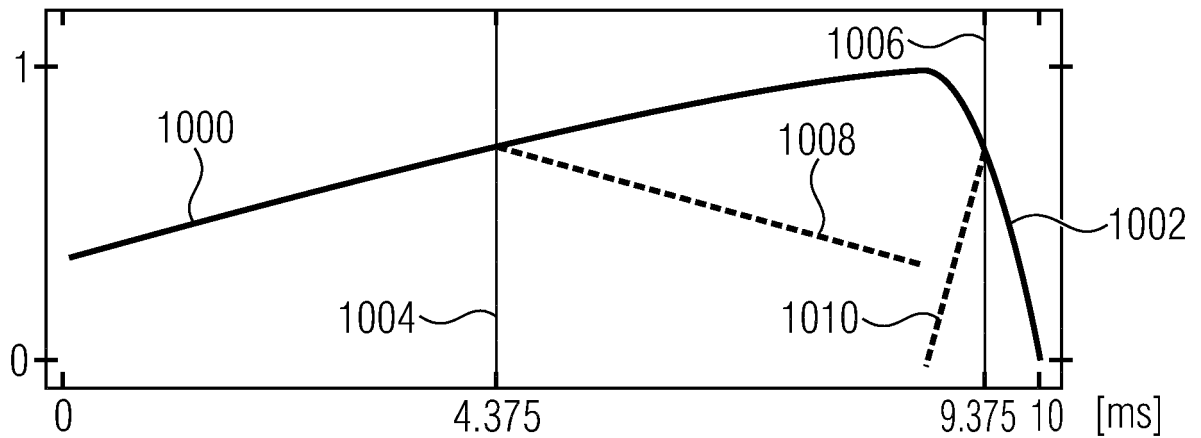


FIG 10A

as FIG 10A, but with faded-in with 1.25 sine overlap portion

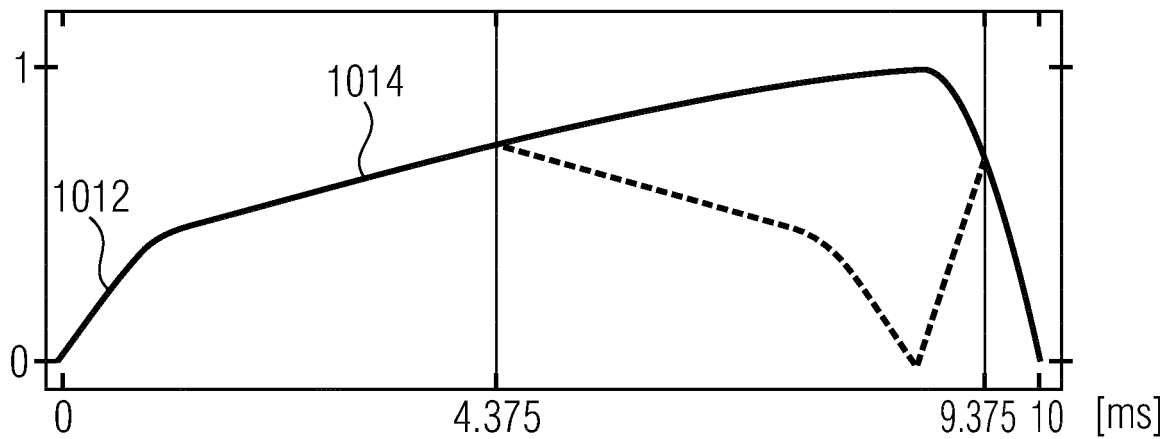


FIG 10B

analysis

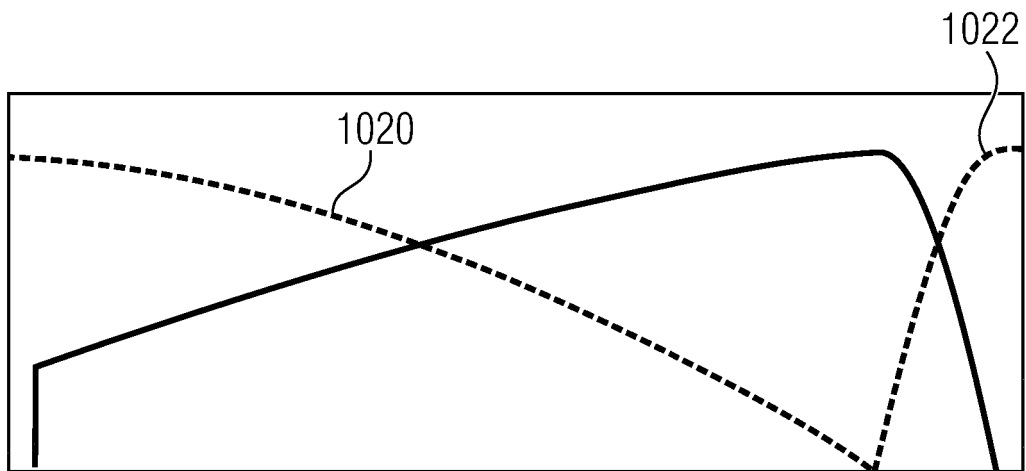


FIG 10C

analysis

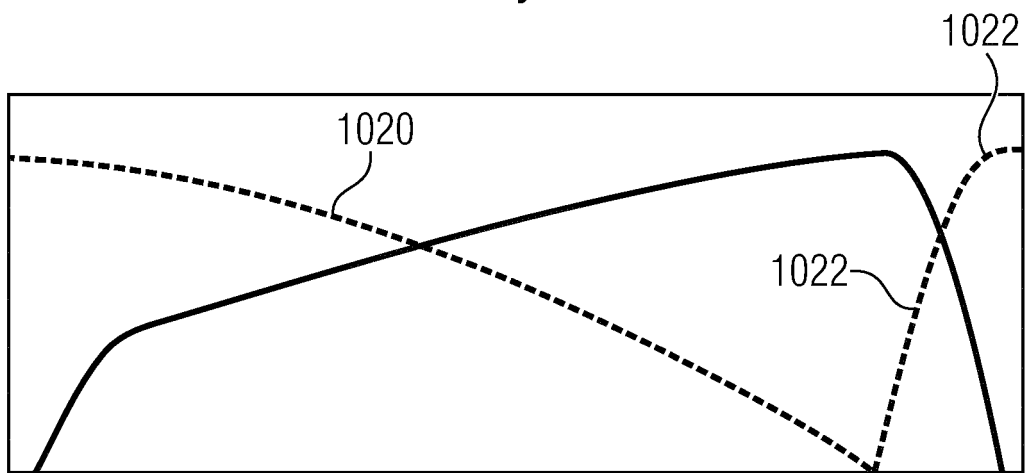


FIG 10D

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analysis transition window from 20 ms to 10 ms,
minimum truncation and fade-in

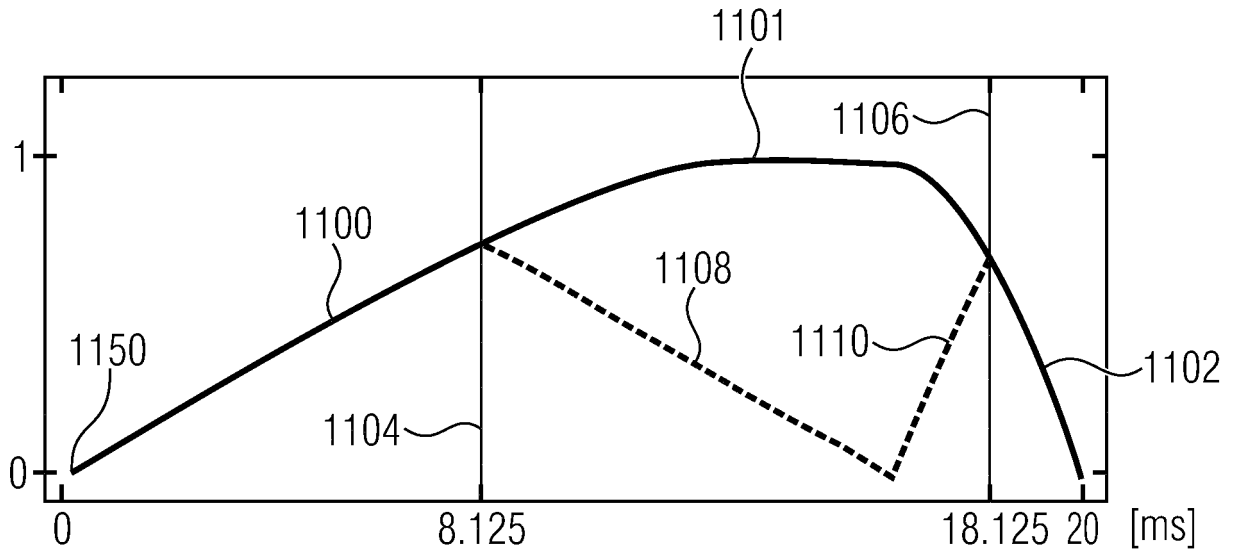


FIG 11A

analysis transition window from 20 ms to 10 ms
stronger truncation as in FIG 10B and fade-in

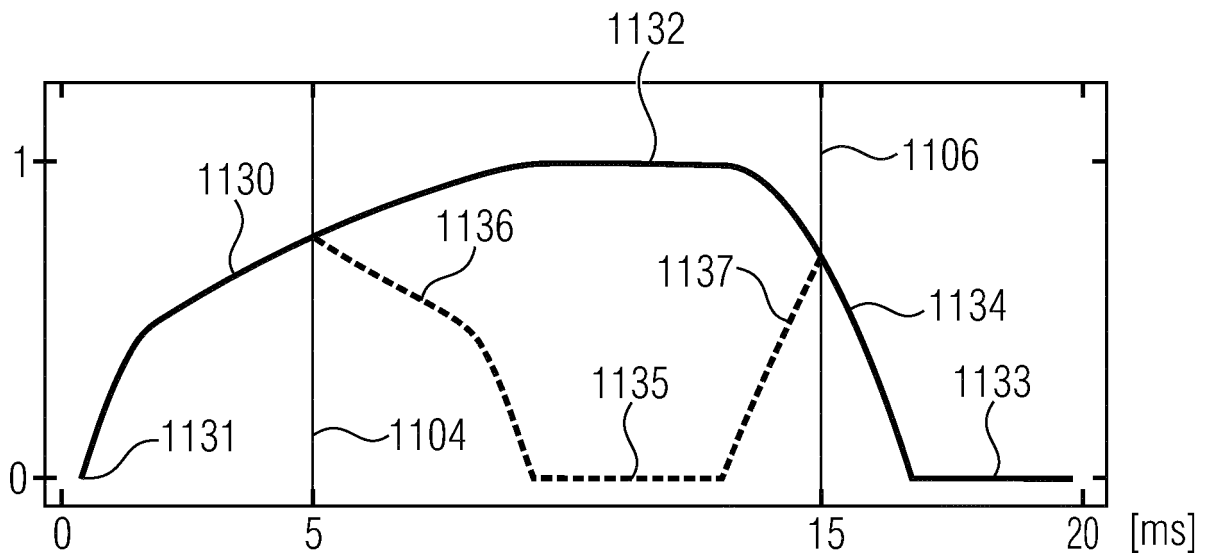


FIG 11B

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analysis transition window from 5 ms to 20 ms,
left OL 1.25 ms, right OL 8.75 ms

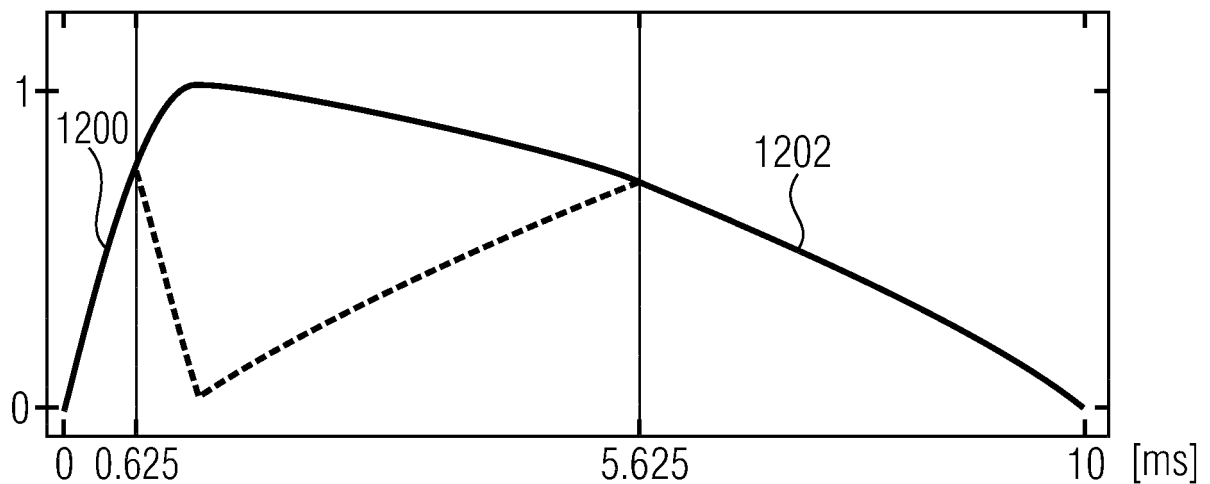


FIG 12A

analysis transition window from 10 ms to 20 ms,
left OL 3.75 ms, right OL 8.75 ms

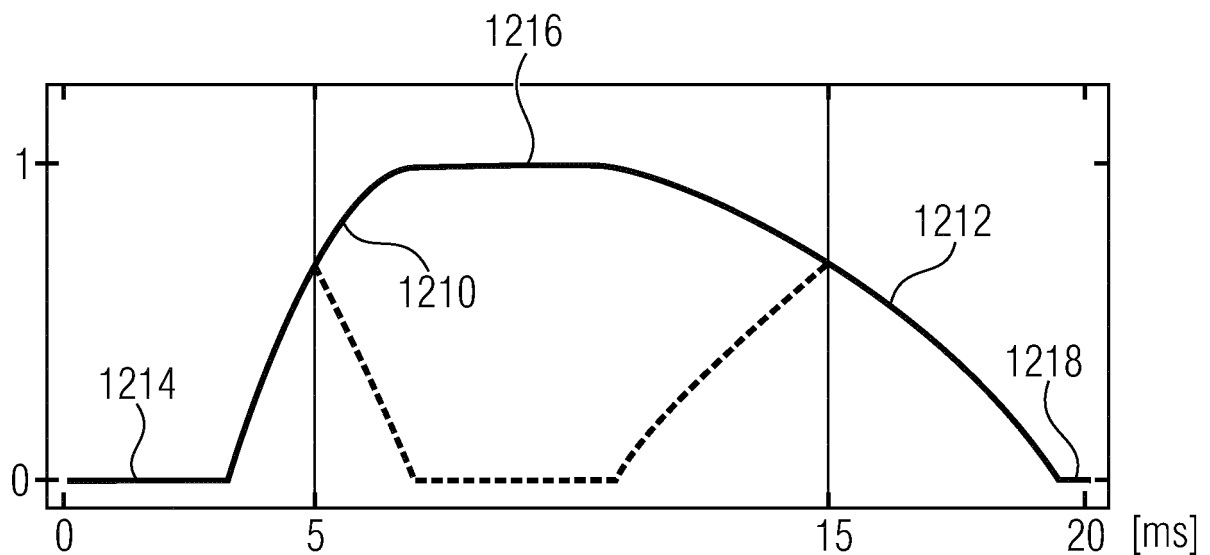


FIG 12B

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synthesis transition window from 20 ms to 5 ms,
left OL 8.75 ms, right OL 1.25 ms

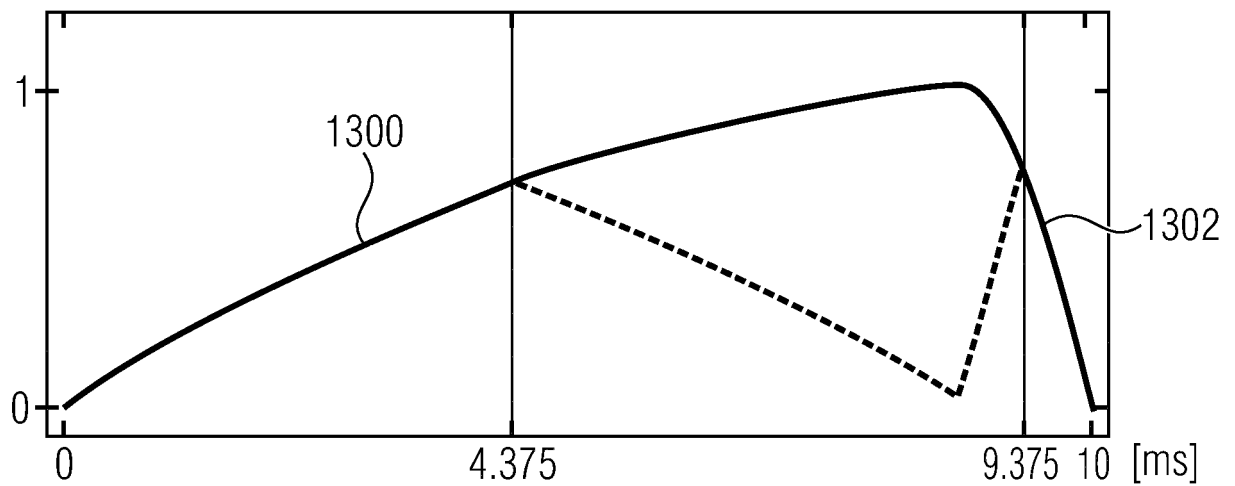


FIG 13A

synthesis transition window from 20 ms to 10 ms,
left OL 8.75 ms, right OL 3.75 ms

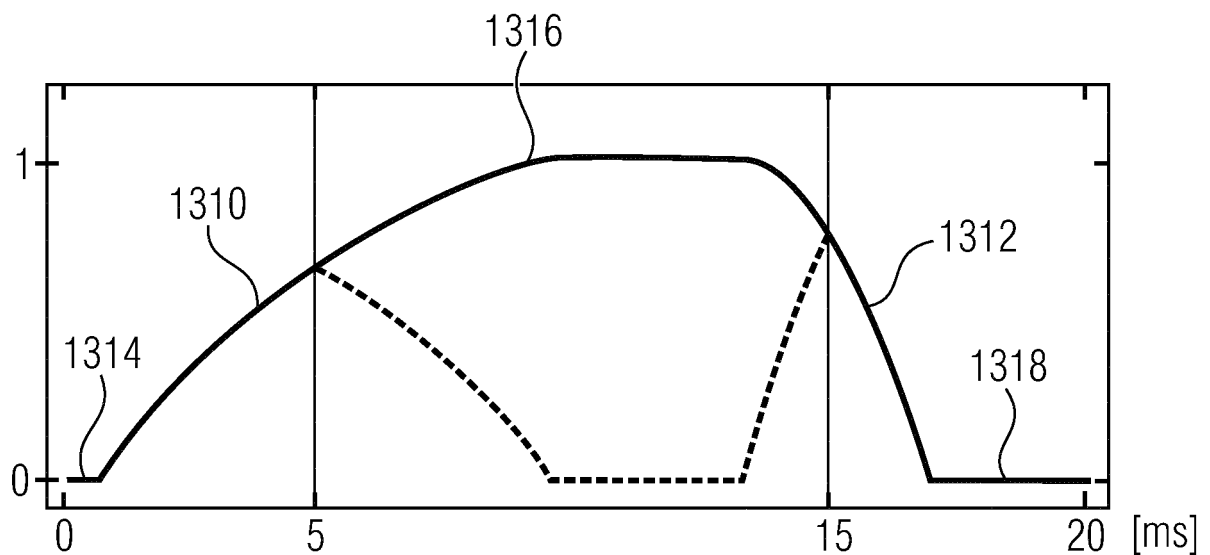


FIG 13B

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synthesis transition window from 5 ms to 20 ms,
left OL 1.25 ms, right OL 8.75 ms, fade-out

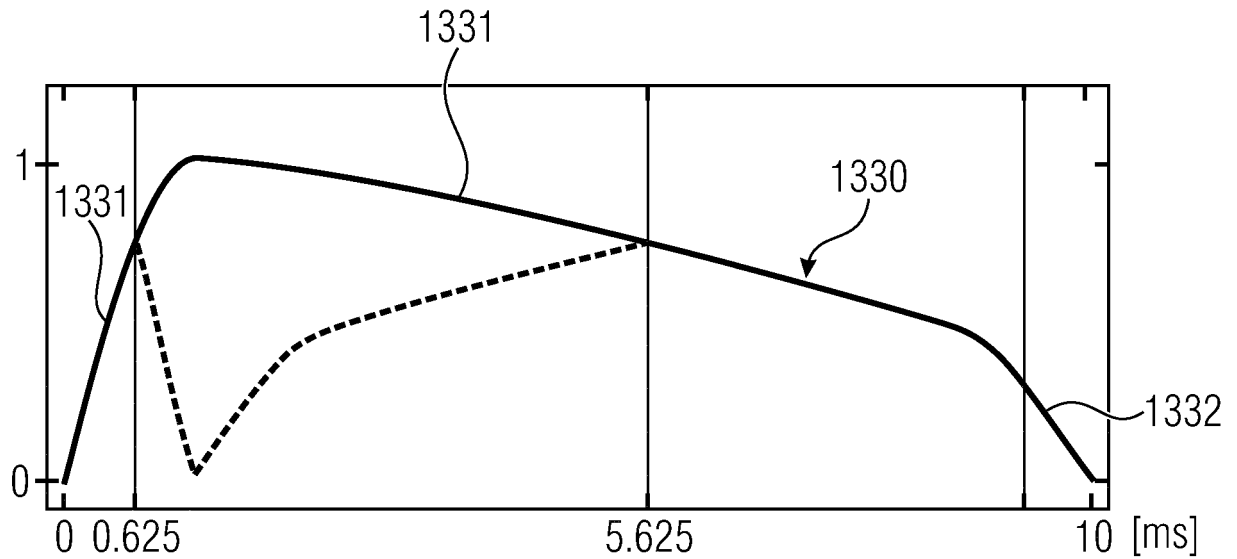


FIG 13C

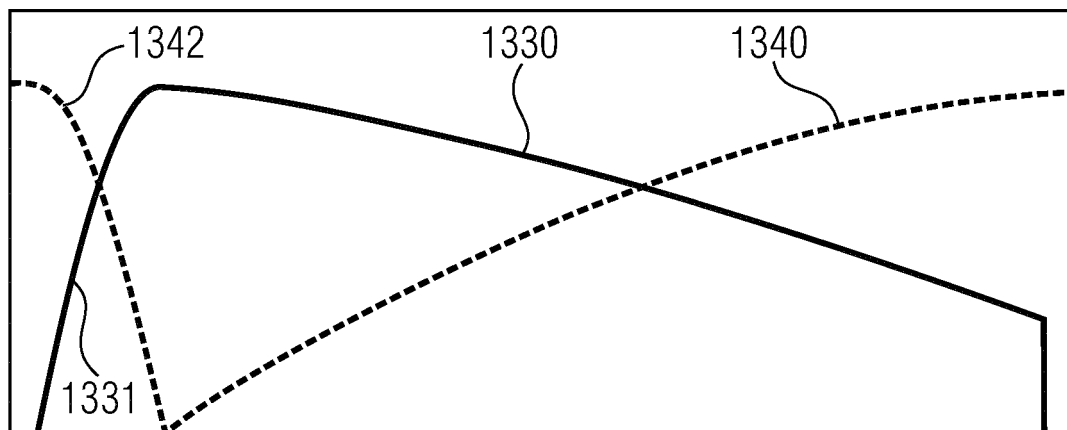


FIG 13D

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analysis window sequence

20 ms, 20 ms, 5 ms, 5 ms, 10 ms, 20 ms

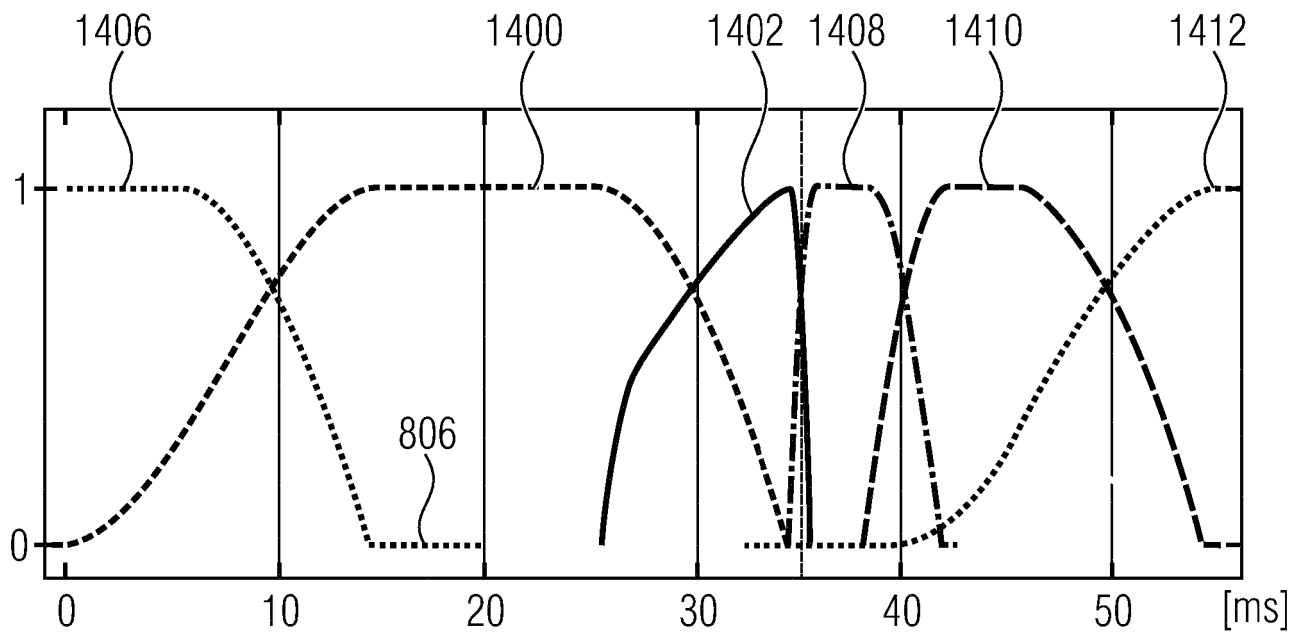


FIG 14A

synthesis window sequence

20 ms, 20 ms, 5 ms, 5 ms, 10 ms, 20 ms

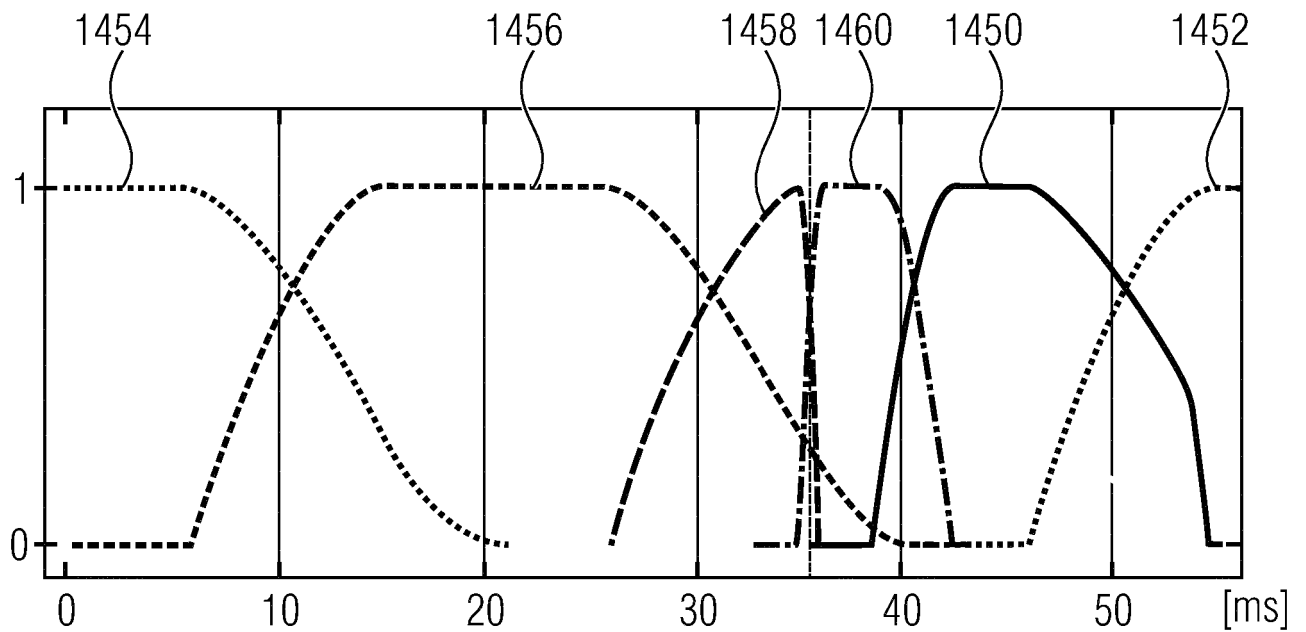


FIG 14B

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analysis window sequence

20 ms, 20 ms, 10 ms, 5 ms, 5 ms, 20 ms

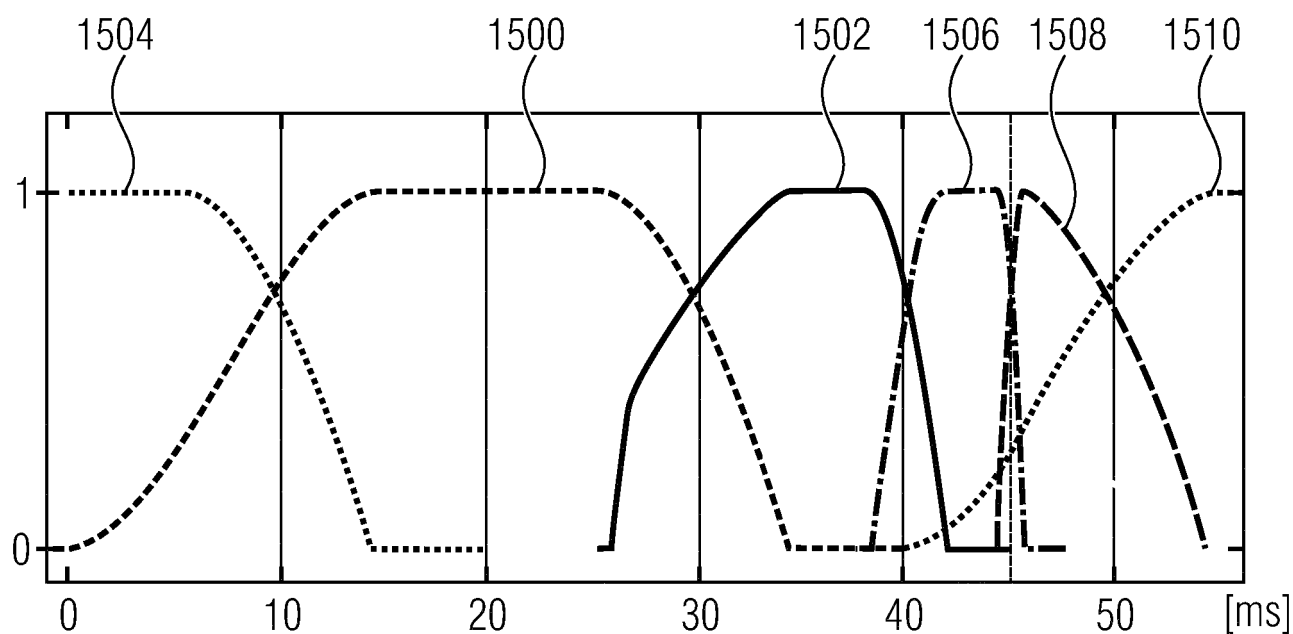


FIG 15A

synthesis window sequence

20 ms, 20 ms, 10 ms, 5 ms, 5 ms, 20 ms

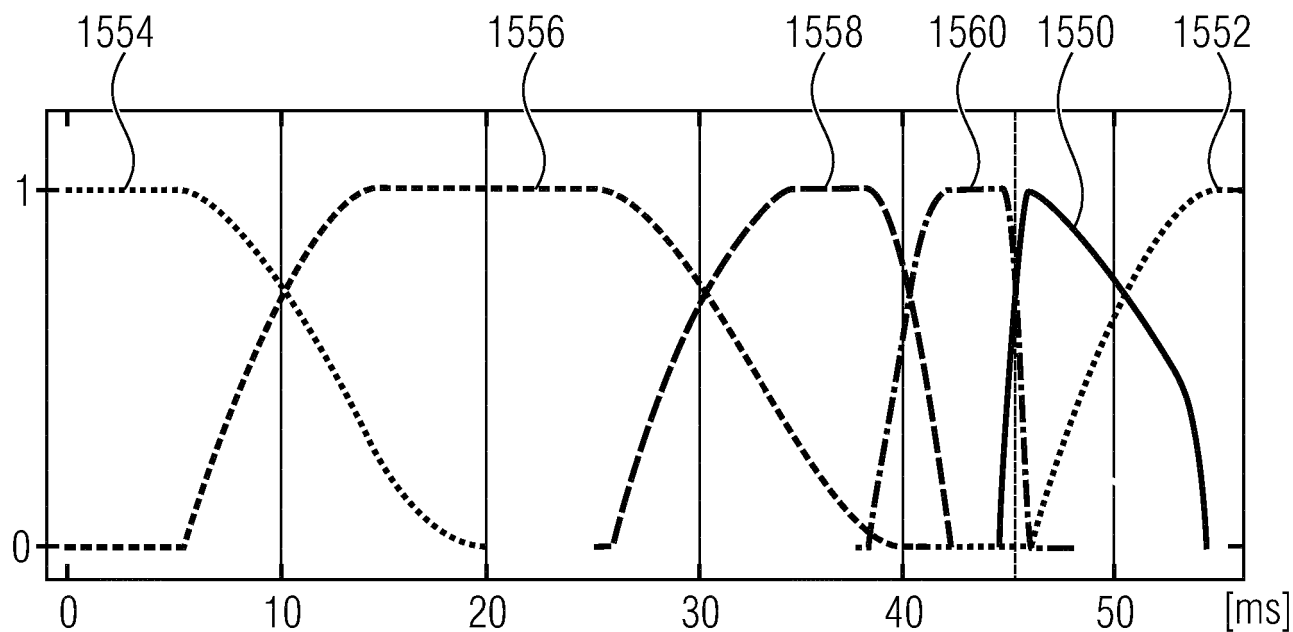


FIG 15B

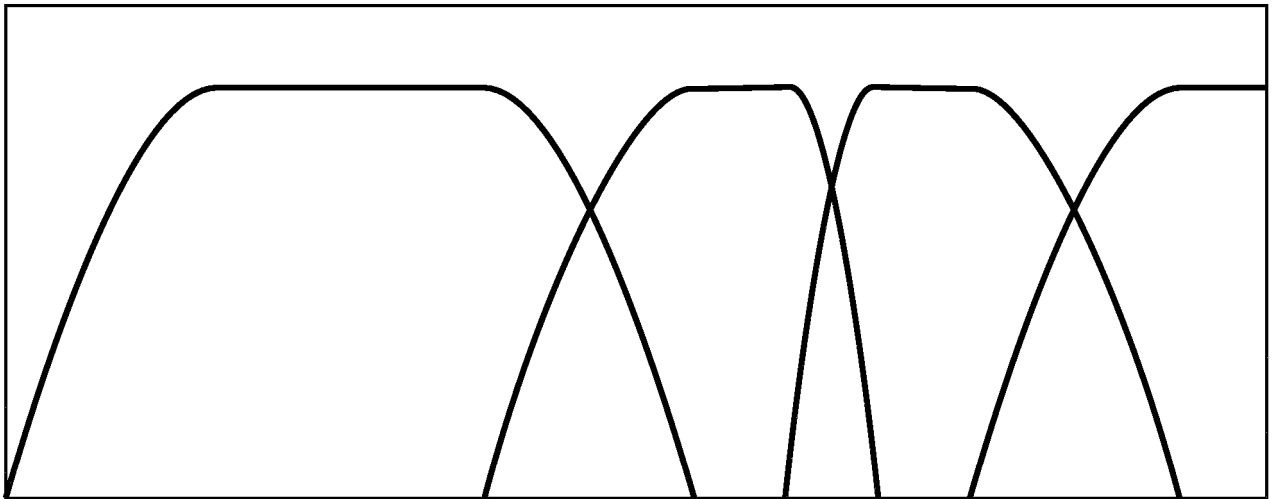


FIG 16