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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,

(54) Title: AUDIO DECODER, APPARATUS FOR DETERMINING A SET OF VALUES DEFINING CHARACTERISTICS OF A FILTER, METHODS FOR PROVIDING A DECODED AUDIO REPRESENTATION, METHODS FOR DETERMINING A SET OF VALUES DEFINING CHARACTERISTICS OF A FILTER AND COMPUTER PROGRAM

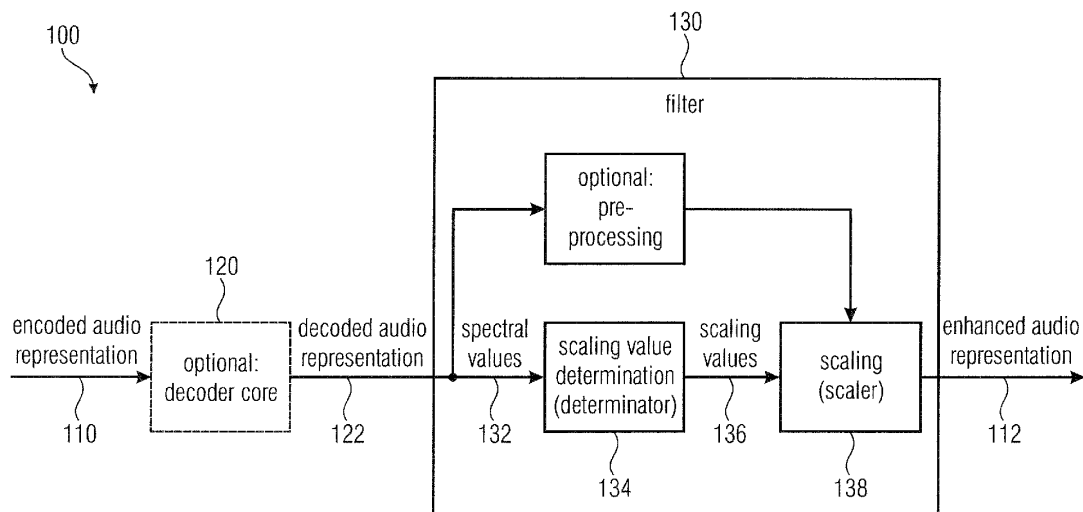


Fig. 1

(57) Abstract: An audio decoder for providing a decoded audio representation on the basis of an encoded audio representation comprises a filter for providing an enhanced audio representation of the decoded audio representation. The filter is configured to obtain a plurality of scaling values, which are associated with different frequency bins or frequency ranges, on the basis of spectral values of the decoded audio representation which are associated with different frequency bins or frequency ranges, and the filter is configured to scale spectral values of the decoded audio signal representation, or a pre-processed version thereof, using the scaling values, to obtain the enhanced audio representation. An apparatus for determining a set of values defining characteristics of a filter for providing an enhanced audio representation on the basis of a decoded audio representation (122;322) is also described.

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