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(54) Title: AUDIO DECODER, AUDIO ENCODER, AND RELATED METHODS USING JOINT CODING OF SCALE PARAME-
TERS FOR CHANNELS OF A MULTI-CHANNEL AUDIO SIGNAL

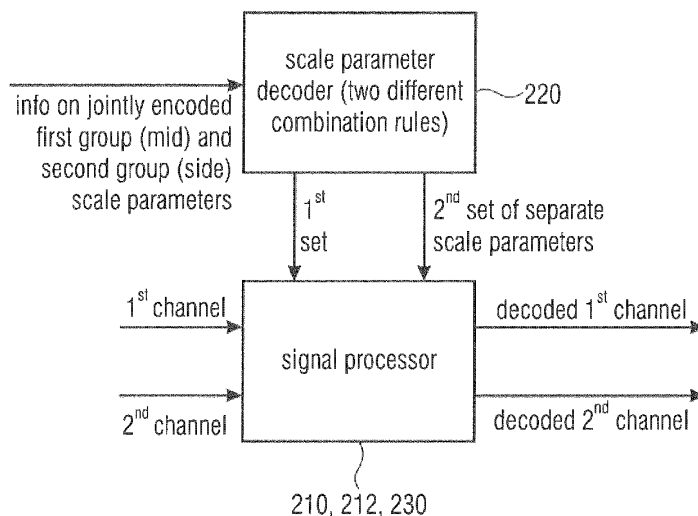


Fig. 8a
(DECODER)

(57) Abstract: Audio codec including a decoder for decoding a multi-channel audio signal comprising audio data and information on jointly encoded scale parameters, the decoder comprising: a scale parameter decoder (220) for decoding the information to obtain first and second scale parameters; and a signal processor (210) for applying first and second scale parameters to a first and second channel representation derived from the data to obtain the first and second channel of the decoded audio signal, wherein the scale parameters comprise information on a first and second group of scale parameters, the scale parameter decoder (220) being configured to combine a scale parameter of the first group and a scale parameter of the second group using a first combination rule to obtain a scale parameter of the first set, and using a second combination rule being different from the first combination rule to obtain a scale

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