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(54) Title: AUDIO SIGNAL DECODER, METHOD FOR DECODING AN AUDIO SIGNAL AND COMPUTER PROGRAM  
USING CASCADED AUDIO OBJECT PROCESSING STAGES

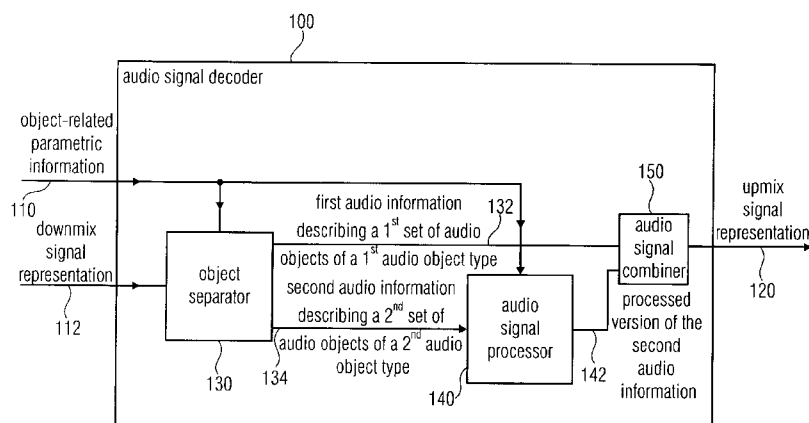


FIG 1

(57) Abstract: An audio signal decoder for providing an upmix signal representation in dependence on a downmix signal representation and an object-related parametric information comprises an object separator configured to decompose the downmix signal representation, to provide a first audio information describing a first set of one or more audio objects of a first audio object type and a second audio information describing a second set of one or more audio objects of a second audio object type, in dependence on the downmix signal representation and using at least a part of the object-related parametric information. The audio signal decoder also comprises an audio signal processor configured to receive the second audio information and to process the second audio information in dependence on the object-related parametric information, to obtain a processed version of the second audio information. The audio signal decoder also comprises an audio signal combiner configured to combine the first audio information with the processed version of the second audio information, to obtain the upmix signal representation.