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(54) Title: AN APPARATUS AND A METHOD FOR DECODING AN ENCODED AUDIO SIGNAL

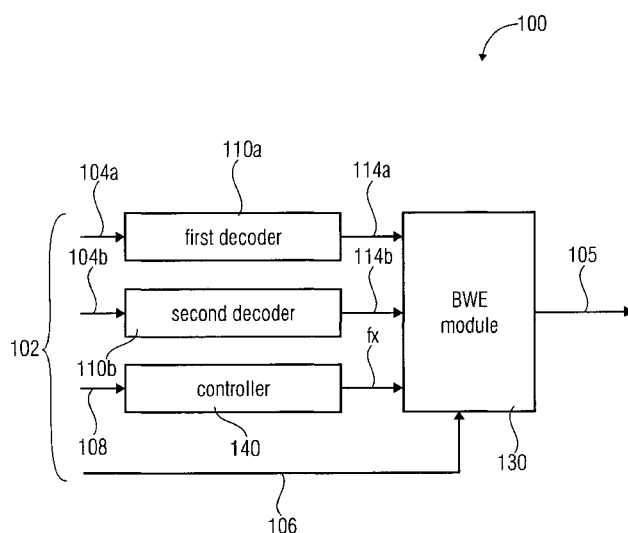


FIG 1

(57) Abstract: An apparatus for decoding (100) an encoded audio signal (102). A first decoder (110a) decodes a first portion (104a) in accordance with a first decoding algorithm for a first time portion of the encoded signal (102) to obtain a first decoded signal (114a). A second decoder (110b) decodes a second portion (104b) in accordance with a second decoding algorithm for a second time portion of the encoded signal (102) to obtain a second decoded signal (114b). A BWE module (130) has a controllable crossover frequency (fx) and is configured for performing a bandwidth extension algorithm using the first decoded signal (114a) and BWE parameters (106) for the first portion (104a), and for performing a bandwidth extension algorithm using the second decoded signal (114b) and the bandwidth extension parameters (106) for the second portion (104b). A controller (140) controls the crossover frequency (fx) for the BWE module (130) in accordance with a coding mode information (108).



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