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(54) Title: APPARATUS AND METHOD FOR AUDIO SIGNAL ENVELOPE ENCODING, PROCESSING AND DECODING BY SPLITTING THE AUDIO SIGNAL ENVELOPE EMPLOYING DISTRIBUTION QUANTIZATION AND CODING

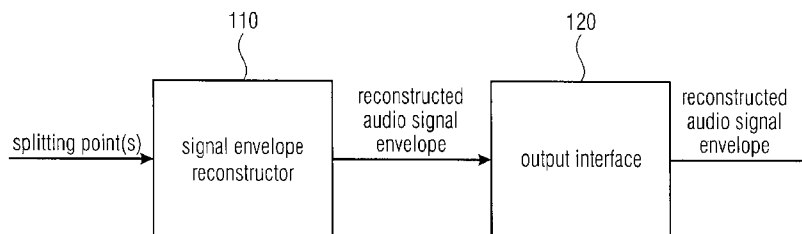


FIG 1

(57) Abstract: An apparatus for decoding to obtain a reconstructed audio signal envelope is provided. The apparatus comprises a signal envelope reconstructor (110) for generating the reconstructed audio signal envelope depending on one or more splitting points. Moreover, the apparatus comprises an output interface (120) for outputting the reconstructed audio signal envelope. The signal envelope reconstructor (110) is configured to generate the reconstructed audio signal envelope such that the one or more splitting points divide the reconstructed audio signal envelope into two or more audio signal envelope portions. An assignment rule defines a signal envelope portion value for each signal envelope portion of the two or more signal envelope portions depending on said signal envelope portion. Moreover, the signal envelope reconstructor (110) is configured to generate the reconstructed audio signal envelope such that, for each of the two or more signal envelope portions, an absolute value of its signal envelope portion value is greater than half of an absolute value of the signal envelope portion value of each of the other signal envelope portions.