

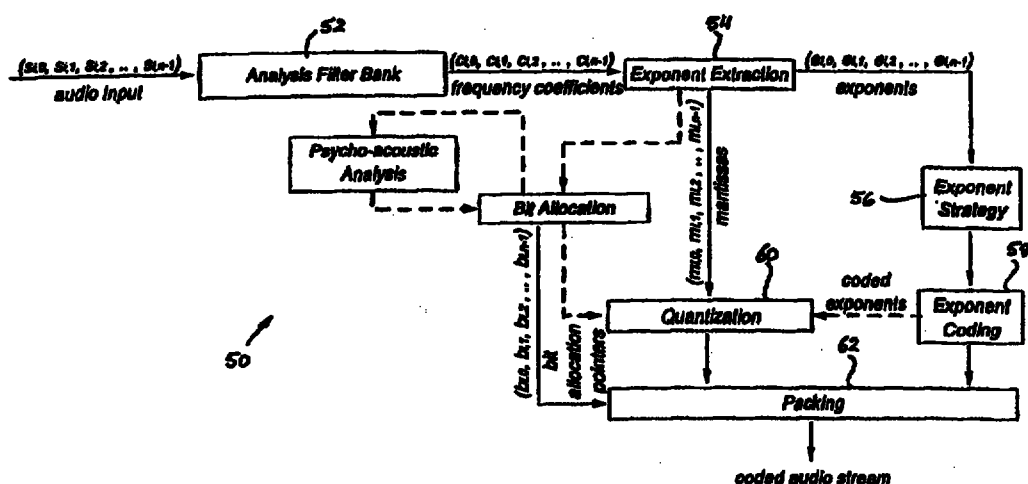


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(54) Title: A NEURAL NETWORK BASED METHOD FOR EXPONENT CODING IN A TRANSFORM CODER FOR HIGH QUALITY AUDIO

AUDIO ENCODER



(57) Abstract

A method and apparatus for assigning an exponent coding strategy in a digital audio transform coder. Different coding strategies having different differential coding limits may be assigned to different set of transform exponents according to the frequency domain characteristics of the audio signal. A neural network processing system is utilised to perform an efficient mapping of each exponent set to an appropriate coding strategy.