

Title (en)

A METHOD AND AN APPARATUS FOR ADJUSTING QUANTIZATION QUALITY IN ENCODER AND DECODER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR EINSTELLUNG DER QUANTISIERUNGSQUALITÄT IN EINEM CODIERER UND DECODIERER

Title (fr)

PROCÉDÉ ET APPAREIL PERMETTANT D'AJUSTER LA QUALITÉ DE LA QUANTIFICATION DANS UN CODEUR ET DÉCODEUR

Publication

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Application

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Abstract (en)

[origin: EP2104095A1] A method for adjusting quality of quantization for encoding is disclosed according to embodiments of the present invention. The method includes adjusting a first group of sample values for encoding with at least two scale factors; quantizing the adjusted first group of sample values to obtain quantized sample values; eliminating the impact of the scale factors from the quantized sample values to obtain a second group of sample values; obtaining a global gain with the first group of sample values and the second group of sample values; outputting the quantized sample values, information of the at least two scale factors and the obtained global gain as an encoding stream. Embodiments of the present invention further disclose a method for adjusting quality of quantization for decoding, and apparatuses for adjusting quality of quantization for encoding and decoding. The methods and apparatuses disclosed by the present invention may greatly reduce the implementation complexity and may well adjust the quality of quantization at critical bands so that a better encoding performance may be achieved.

IPC 8 full level

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