Title (en)

PROCESS FOR CODING AND DECODING STEREOPHONIC SPECTRAL VALUES

Title (de)

VERFAHREN ZUM CODIEREN UND DECODIEREN VON STEREOAUDIOSPEKTRALWERTEN

Title (fr)

PROCEDE DE CODAGE ET DE DECODAGE DE VALEURS SPECTRALES STEREOPHONIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: US6771777B1] A method of coding stereo audio spectral values first carries out grouping of those values in scale factor bands, with which scale factors are associated. Sections are formed next, each comprising at least one scale factor band. The spectral values are coded within at least one section with a code book assigned to the section, out of a plurality of code books each with a code book number assigned to it, the number of the code book used being transmitted as side information to the coded stereo audio spectral values. At least one additional code book number is provided, which does not refer to a code book but shows information relevant to the section to which it is assigned. A method of decoding stereo audio spectral values which are partly coded by the intensity stereo process and which have side information uses the relevant information, showing the additional code book numbers, to cancel the existing coding of the stereo audio spectral values.

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H04S 1/00

IPC 8 full level

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US8069052B2; US7460990B2; US7502743B2; US7630882B2; US7953604B2; US7299190B2; US7801735B2; US7240001B2; US7782954B2; US7688894B2; US7885819B2; US9741354B2; US7143030B2; US7155383B2; US7249016B2; US7930171B2; US7340103B2; US7218790B2; US7016547B1; US7831434B2; US7539612B2; US7562021B2

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