

Title (en)

DEVICE AND METHOD FOR DETERMINING A CODING BLOCK RASTER OF A DECODED SIGNAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BESTIMMEN EINES CODIERUNGS-BLOCKRASTERS EINES DECODIERTEN SIGNALS

Title (fr)

DISPOSITIF ET PROCEDE PERMETTANT DE DETERMINER LA MATRICE DE BLOCS DE CODAGE D'UN SIGNAL DECODE

Publication

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Application

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- EP 0100241 W 20010110

Abstract (en)

[origin: WO0152240A2] According to the inventive method for determining a coding block raster on which a decoded signal is based, a segment of the decoded signal is picked out first (1), this section beginning at a certain output sampling value of the decoded signal. Said segment is then converted into a spectral representation (12), whereupon said spectral representation is evaluated in relation to a predetermined criterion (13) in order to obtain an evaluation result for the segment. This procedure is repeated for a plurality of different segments beginning at different output scanning values, in order to obtain a plurality of evaluation results. Finally, said plurality of evaluation results is searched (14) in order to establish the evaluation result that has an extreme value compared to the other evaluation results, in such a way that it can be assumed that the segment to which this evaluation result is allocated matches the coding block raster on which the decoded signal is based. According to the invention, this method can be used to determine the coding block raster for any decoded signal that has no explicit information about its coding block raster.

[origin: WO0152240A2] According to the inventive method for determining a coding block raster on which a decoded signal is based, a segment of the decoded signal is picked out first (1), this section beginning at a certain output sampling value of the decoded signal. Said segment is then converted into a spectral representation (12), whereupon said spectral representation is evaluated in relation to a predetermined criterion (13) in order to obtain an evaluation result for the segment. This procedure is repeated for a plurality of different segments beginning at different output scanning values, in order to obtain a plurality of evaluation results. Finally, said plurality of evaluation results is searched (14) in order to establish the evaluation result that has an extreme value compared to the other evaluation results, in such a way that it can be assumed that the segment to which this evaluation result is allocated matches the coding block raster on which the decoded signal is based. According to the invention, this method can be used to determine the coding block raster for any decoded signal that has no explicit information about its coding block raster.

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