

Title (en)

Method and device for carrying out optimized audio coding between two long-term prediction models

Title (de)

Verfahren und Vorrichtung zur Ausführung einer optimalisierten Audiokodierung zwischen zwei Langzeitvorhersagemodellen

Title (fr)

Procédé et dispositif de codage audio optimisé entre deux modèles de prediction à long terme

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Application

EP 06709052 A 20060109

Priority

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Abstract (en)

[origin: WO2006075078A1] The invention relates to a method for coding according to a second format from items of information obtained by using a coding according to a first format. These first and second formats use, particularly for coding a speech signal, a search for long-term prediction parameters LTP by searching a dictionary containing candidate parameters. The method comprises the following steps: a) defining (25b) the orderings of a dictionary (25) that uses the second coding format; b) retrieving (23) an item of a priori information obtained following the determination of the parameters LTP during the coding according to the first format for selecting (26) an ordering of said dictionary; c) applying (27) the selected ordering to the candidates of the dictionary for choosing (29) a limited number of first candidates, and; d) for carrying out the second coding, carrying out the LTP search solely among this limited number of candidates (30).

IPC 8 full level

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