

Title (en)
METHOD AND DEVICE FOR ENCODING/DECODING A DISPLACED FRAME DIFFERENCE

Title (de)
VERFAHREN UND GERÄT ZUM KODIEREN UND DEKODIEREN EINES VERSCHOBENEN RAHMENUNTERSCHIEDS

Title (fr)
PROCEDE ET DISPOSITIF POUR CODER/DECODER UNE DIFFERENCE DE TRAME DEPLACEE

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EP 0800684 A4 19980325 (EN)

Application
EP 96929873 A 19960827

Priority
• US 9614115 W 19960827
• US 54878995 A 19951026

Abstract (en)
[origin: WO9715897A1] The present invention provides a method (100, 700), device (400, 800) and microprocessor (500) for performing a computationally efficient iterative expansion of a displaced frame difference, DFD, image over a predetermined dictionary of modulated Gaussian functions for the purposes of video compression. The iterative expansion described in this invention decomposes the DFD image into a set of coefficients which represent the perceptually important areas of a video frame in a compact way. The resulting method, device and microprocessor serve to provide a means for very low bit rate coding/decoding of a video sequence.

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IPC 8 full level
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CPC (source: EP)
H04N 11/042 (2013.01); **H04N 19/503** (2014.11)

Citation (search report)
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• [A] FEICHTINGER H G ET AL: "Hierarchical parallel matching pursuit", IMAGE RECONSTRUCTION AND RESTORATION, SAN DIEGO, CA, USA, 25-26 JULY 1994, vol. 2302, ISSN 0277-786X, PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1994, USA, pages 222 - 232, XP002051992
• See references of WO 9715897A1

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