

Title (en)

DIMENSIONAL VECTOR AND VARIABLE RESOLUTION QUANTISATION

Title (de)

VEKTORQUANTIFIZIERUNG MIT VARIABLER AUFLÖSUNG UND VARIABLER DIMENSION

Title (fr)

QUANTIFICATION VECTORIELLE EN DIMENSION ET RESOLUTION VARIABLES

Publication

EP 1709743 A1 20061011 (FR)

Application

EP 04706703 A 20040130

Priority

FR 2004000219 W 20040130

Abstract (en)

[origin: WO2005083889A1] The invention relates to compression coding and/ or decoding of digital signals, in particular by vector variable-rate quantisation defining a variable resolution. For this purpose an impulsion dictionary comprises: for a given dimension, increasing resolution dictionaries imbricated into each other and, for a given dimension, a union of: a totality ($D^i \leq N$) of code-vectors produced, by inserting elements taken in a final set (A) into smaller dimension code-vectors according to a final set of predetermined insertion rules (F1) and a second totality of code-vectors (Y') which are not obtainable by insertion into the smaller dimension code vectors according to said set of the insertion rules.

IPC 8 full level

H03M 7/30 (2006.01); **G10L 19/08** (2006.01); **G10L 19/097** (2013.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2005083889A1

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