

Title (en)
DYNAMIC QUANTISATION METHOD FOR ENCODING DATA STREAMS

Title (de)
DYNAMISCHES QUANTISIERUNGSVERFAHREN ZUR CODIERUNG VON DATENSTRÖMEN

Title (fr)
PROCEDE DE QUANTIFICATION DYNAMIQUE POUR LE CODAGE DE FLUX DE DONNEES

Publication
EP 2805486 A1 20141126 (FR)

Application
EP 12806496 A 20121221

Priority
• FR 1250480 A 20120117
• EP 2012076626 W 20121221

Abstract (en)
[origin: WO2013107600A1] The present invention relates to a method for the dynamic quantisation of a stream of images comprising blocks (210) of different types converted into the transform domain. The method includes a first quantisation step (201) comprising the quantisation of a plurality of the blocks with initial quantisation coefficients (211), as well as a determination step (202) comprising the determination of the residual encoding costs after the first quantisation (201), for several types of blocks respectively. The method also includes a second quantisation step (204) comprising the quantisation of the converted blocks (210) of at least one type with quantisation coefficients (203) selected according to the distribution of the residual costs between a plurality of block types. The invention applies to encoders comprising a quantisation step that can apply different quantisation coefficients depending on the types of image blocks to be encoded.

IPC 1-7
H04N 7/26; H04N 7/50

CPC (source: EP US)
H04N 19/124 (2014.11 - EP US); **H04N 19/136** (2014.11 - EP US); **H04N 19/147** (2014.11 - EP US); **H04N 19/159** (2014.11 - EP US); **H04N 19/174** (2014.11 - EP US); **H04N 19/176** (2014.11 - EP US); **H04N 19/194** (2014.11 - EP US); **H04N 19/593** (2014.11 - EP US); **H04N 19/61** (2014.11 - EP US); **H04N 19/63** (2014.11 - EP US)

Citation (search report)
See references of WO 2013107600A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
FR 2985879 A1 20130719; EP 2805486 A1 20141126; US 2015010073 A1 20150108; WO 2013107600 A1 20130725

DOCDB simple family (application)
FR 1250480 A 20120117; EP 12806496 A 20121221; EP 2012076626 W 20121221; US 201214372927 A 20121221