

Title (en)

IMAGE CODING METHOD WITH TEXTURE SYNTHESIS

Title (de)

BILDKODIERUNGSVERFAHREN MIT TEXTURSYNTHESE

Title (fr)

PROCEDE DE CODAGE D ' IMAGE AVEC SYNTHESE DE TEXTURE

Publication

EP 2281396 A1 20110209 (FR)

Application

EP 09757605 A 20090604

Priority

- EP 2009056903 W 20090604
- FR 0853721 A 20080605

Abstract (en)

[origin: WO2009147224A1] The invention relates to a coding method using a technique comprising the synthesis of images and image regions employing a synthesis algorithm operating on a set of patches, this operation being performed with a low-resolution image. The invention is characterized in that it comprises the following steps: decision to code or not to code the regions of the synthesized image by comparing the rendition with the source image, according to a quality metric; for the regions synthesized with decision to code, coding of the patches and of the low-resolution image in a conventional manner, and, for the regions synthesized with decision not to code, coding according to a conventional coding scheme.

IPC 8 full level

H04N 7/26 (2006.01); **G06T 11/00** (2006.01); **H04N 7/46** (2006.01); **H04N 7/50** (2006.01)

CPC (source: EP US)

G06T 9/00 (2013.01 - EP US); **H04N 19/12** (2014.11 - EP US); **H04N 19/154** (2014.11 - EP US); **H04N 19/27** (2014.11 - EP US); **H04N 19/59** (2014.11 - EP US); **H04N 19/61** (2014.11 - EP US)

Citation (search report)

See references of WO 2009147224A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009147224 A1 20091210; CN 102047663 A 20110504; EP 2281396 A1 20110209; JP 2011522496 A 20110728; KR 20110020242 A 20110302; US 2011081093 A1 20110407

DOCDB simple family (application)

EP 2009056903 W 20090604; CN 200980120456 A 20090604; EP 09757605 A 20090604; JP 2011512136 A 20090604; KR 20107027301 A 20090604; US 73703409 A 20090604