

Title (en)

COMPRESSION AND DECOMPRESSION OF REFERENCE IMAGES IN A VIDEO ENCODER

Title (de)

KOMPRESSION UND DEKOMPRESSION VON REFERENZBILDERN IN EINEM VIDEOKODER

Title (fr)

COMPRESSION ET DÉCOMPRESSION D'IMAGES DE RÉFÉRENCE DANS UN CODEUR VIDÉO

Publication

EP 2617198 A1 20130724 (DE)

Application

EP 12705230 A 20120112

Priority

- EP 11150714 A 20110112
- EP 2012050435 W 20120112
- EP 12705230 A 20120112

Abstract (en)

[origin: WO2012095487A1] The invention relates to methods and devices for providing a reconstructed image within the framework of a predictive coding. According to the invention, the reconstructed image is compressed according to a coding mode of an image coding device and stored in a reference image memory.

IPC 8 full level

H04N 7/26 (2006.01)

CPC (source: EP KR US)

H04N 19/117 (2014.11 - US); **H04N 19/124** (2014.11 - US); **H04N 19/147** (2014.11 - EP US); **H04N 19/159** (2014.11 - EP US);
H04N 19/40 (2014.11 - KR); **H04N 19/423** (2014.11 - US); **H04N 19/428** (2014.11 - EP US); **H04N 19/46** (2014.11 - EP US)

Citation (search report)

See references of WO 2012095490A1

Citation (examination)

- EP 2250815 A1 20101117 - LINEAR ALGEBRA TECHNOLOGIES LT [IE]
- EP 1292154 A2 20030312 - BROADCOM CORP [US]
- EP 1765021 A2 20070321 - ST MICROELECTRONICS ASIA [SG]
- EP 1985123 A2 20081029 - QUALCOMM INC [US]
- ANONYMOUS: "Test Model under Consideration (TMuC)", 1. JCT-VC MEETING; 15-4-2010 - 23-4-2010; DRESDEN; (JOINTCOLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-TSG.16); URL: HTTP://WFTP3.ITU.INT/AV-ARCH/JCTVC-SITE/, no. JCTVC-A205, 18 July 2010 (2010-07-18), pages 1 - 153, XP030007586, ISSN: 0000-0049
- LIST P ET AL: "Adaptive deblocking filter", IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 13, no. 7, 1 July 2003 (2003-07-01), pages 614 - 619, XP011221094, ISSN: 1051-8215, DOI: 10.1109/TCSVT.2003.815175
- TAKESHI CHUJOH ET AL: "Internal bit depth increase except frame memory", 32. VCEG MEETING; 80. MPEG MEETING; 23-4-2007 - 27-4-2007; SAN JOSE;(VIDEO CODING EXPERTS GROUP OF ITU-T SG.16),, no. VCEG-AF07, 19 April 2007 (2007-04-19), XP030003528, ISSN: 0000-0068

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)

WO 2012095487 A1 20120719; CN 103283231 A 20130904; CN 103283231 B 20180427; CN 103329527 A 20130925;
CN 103329527 B 20170301; EP 2614647 A1 20130717; EP 2614647 B1 20171018; EP 2617198 A1 20130724; JP 2014506441 A 20140313;
JP 2014506442 A 20140313; JP 5698382 B2 20150408; JP 5710022 B2 20150430; KR 101873207 B1 20180702; KR 101890203 B1 20180821;
KR 20140042778 A 20140407; KR 20140042779 A 20140407; US 2013301711 A1 20131114; US 2014003517 A1 20140102;
US 9398292 B2 20160719; US 9723318 B2 20170801; WO 2012095490 A1 20120719

DOCDB simple family (application)

EP 2012050430 W 20120112; CN 201280005268 A 20120112; CN 201280005271 A 20120112; EP 12700392 A 20120112;
EP 12705230 A 20120112; EP 2012050435 W 20120112; JP 2013548842 A 20120112; JP 2013548845 A 20120112;
KR 20137020897 A 20120112; KR 20137020898 A 20120112; US 201213979497 A 20120112; US 201213979601 A 20120112