Title (en)
  MOBILE VIDEO DELIVERY

Title (de)
  MOBILE VIDEOBEREITSTELLUNG

Title (fr)
  DISTRIBUTION DE VIDÉO MOBILE

Publication
  EP 2815326 A4 20151007 (EN)

Application
  EP 12868887 A 20120213

Priority
  US 2012024921 W 20120213

Abstract (en)
  [origin: WO2013122569A1] Methods and apparatus, including computer program products, for mobile video delivery. A method includes, in a mobile network comprising at least a core element and one or more evolved Node Bs (eNBs), receiving a request to initiate a progressive download of a video object, splitting the requested video object into self-contained independent video segments, transrating each of the self-contained independent video segments for different rates, and delivering a segment from a rate bucket that matches a current network condition determined by bandwidth estimation.

IPC 8 full level
  G06F 15/16 (2006.01); **H04L 29/06** (2006.01); **H04N 21/2343** (2011.01); **H04N 21/24** (2011.01); **H04N 21/472** (2011.01); **H04N 21/61** (2011.01); **H04N 21/845** (2011.01); **H04W 28/02** (2009.01)

CPC (source: EP)
  H04L 43/0882 (2013.01); **H04L 47/25** (2013.01); **H04L 47/38** (2013.01); **H04L 65/612** (2022.05); **H04L 65/752** (2022.05); **H04L 65/765** (2022.05); **H04N 21/23439** (2013.01); **H04N 21/2402** (2013.01); **H04N 21/47202** (2013.01); **H04N 21/6131** (2013.01); **H04N 21/8456** (2013.01)

Citation (search report)
  • [XY] US 2011082924 A1 20110407 - GOPALAKRISHNAN KUMAR [US]
  • [Y] US 2006045008 A1 20060302 - SUN JINSHEN [CN], et al
  • [Y] INDRA WIDJAJA ET AL: "Sizing X2 Bandwidth for Inter-Connected eNBs", VEHICULAR TECHNOLOGY CONFERENCE FALL (VTC 2009-FALL), 2009 IEEE 70TH, IEEE, PISCATAWAY, NJ, USA, 20 September 2009 (2009-09-20), pages 1 - 5, XP031600200, ISBN: 978-1-4244-2514-3
  • See references of WO 2013122569A1

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 2013122569 A1 20130822; CN 104583996 A 20150429; CN 104583996 B 20180109; EP 2815326 A1 20141224; EP 2815326 A4 20151007; HK 1209876 A1 20160408; JP 2015516702 A 20150611; JP 6045608 B2 20161214; KR 101884969 B1 20180802; KR 20140126746 A 20141031

DOCDB simple family (application)
  US 2012024921 W 20120213; CN 201280072363 A 20120213; EP 12868887 A 20120213; HK 15110562 A 20151027; JP 2014557605 A 20120213; KR 20147025579 A 20120213