

Title (en)
DECODER, METHOD AND SYSTEM FOR DECODING MULTIMEDIA STREAMS

Title (de)
DECODIERER, VERFAHREN UND SYSTEM ZUR DECODIERUNG VON MULTIMEDIA-STRÖMEN

Title (fr)
DECODEUR, PROCEDE ET SYSTEME DE DECODAGE DE FLUX MULTIMEDIA

Publication
EP 3207702 A1 20170823 (FR)

Application
EP 15785076 A 20151016

Priority
• FR 1460043 A 20141017
• FR 1551085 A 20150210
• EP 2015073964 W 20151016

Abstract (en)
[origin: WO2016059196A1] The invention relates to a decoder, system and method for decoding multimedia data in a terminal by managing the energy available for decoding, including a decoder (300, 500) of the multimedia data, characterised in that said decoder (300, 500) includes at least one low-power decoding chain comprising an activation module (305, 520) suitable for activating a first low-power decoding chain or loop filter (509, 510, 511) and a low-power interpolation chain (535, 536, 537) in accordance with at least one parameter representing energy constraints of the user and/or of the mobile terminal and one or more metadata Md associated with a decoding complexity and/or with a decoding energy. The invention can be used in a terminal using the H.264/AVC or H.265/HEVC standards.

IPC 8 full level
H04N 19/159 (2014.01); **G06F 1/32** (2006.01); **H04N 19/117** (2014.01); **H04N 19/156** (2014.01); **H04N 19/44** (2014.01); **H04N 19/82** (2014.01); **H04N 21/443** (2011.01)

CPC (source: CN EP US)
G06F 1/3296 (2013.01 - EP US); **H04N 19/117** (2014.11 - CN EP US); **H04N 19/132** (2014.11 - US); **H04N 19/154** (2014.11 - EP US); **H04N 19/156** (2014.11 - CN EP US); **H04N 19/159** (2014.11 - CN EP US); **H04N 19/44** (2014.11 - CN EP US); **H04N 19/82** (2014.11 - CN EP US); **H04N 19/51** (2014.11 - EP US); **H04N 21/4436** (2013.01 - EP US); **Y02D 10/00** (2017.12 - EP US)

Citation (search report)
See references of WO 2016059196A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016059196 A1 20160421; CN 107211127 A 20170926; EP 3207702 A1 20170823; FR 3027480 A1 20160422; FR 3027480 B1 20201023; FR 3027481 A1 20160422; US 10531096 B2 20200107; US 2017237988 A1 20170817

DOCDB simple family (application)
EP 2015073964 W 20151016; CN 201580056024 A 20151016; EP 15785076 A 20151016; FR 1460043 A 20141017; FR 1551085 A 20150210; US 201515519333 A 20151016