

Title (en)

MEDIA ENCAPSULATING AND DECAPSULATING

Title (de)

MEDIENVERKAPSELUNG UND -ENTKAPSELUNG

Title (fr)

ENCAPSULATION ET DÉSENCAPSULATION DE MÉDIAS

Publication

**EP 3234775 A4 20181107 (EN)**

Application

**EP 15869403 A 20151215**

Priority

- US 201462094764 P 20141219
- FI 2015050885 W 20151215

Abstract (en)

[origin: WO2016097482A1] There are disclosed various methods, apparatuses and computer program products for media encapsulating and decapsulating. A container file according to a first format is received. The container file includes at least one meta data unit, and includes or refers to at least one media data unit, and the container file further includes or refers to a first checksum. Information of a first scope for the first checksum is obtained, wherein the first scope is a subset of the container file and/or the at least one media data unit, the first scope being for processing of the at least one media data unit. A first reproduced checksum is derived from the container file and/or the at least one media data unit on the basis of the first scope. The validity of the data within the first scope is determined on the basis of the first checksum and the first reproduced checksum; and subject to the data within the first scope being valid, the data within the first scope is processed.

IPC 8 full level

**G06F 11/08** (2006.01); **H04L 9/40** (2022.01); **H04N 21/236** (2011.01); **H04N 21/4402** (2011.01)

CPC (source: EP)

**G06F 11/1004** (2013.01); **H04L 65/70** (2022.05); **H04L 65/762** (2022.05); **H04N 21/4402** (2013.01); **H04N 21/8451** (2013.01); **H04N 21/8456** (2013.01); **H04N 21/85406** (2013.01)

Citation (search report)

- [I] US 2002162076 A1 20021031 - TALAGALA NISHA D [US], et al
- [A] US 2002023249 A1 20020221 - TERNULLO NOAH J [US], et al
- [A] US 2009313293 A1 20091217 - SETLUR VIDYA [US], et al
- [A] WO 2007078252 A2 20070712 - ERICSSON TELEFON AB L M [SE], et al
- [I] "Text of ISO/IEC DIS 23008-12 Carriage of Still Image and Image Sequences", 109. MPEG MEETING; 7-7-2014 - 11-7-2014; SAPPORO; (MOTION PICTURE EXPERT GROUP OR ISO/IEC JTC1/SC29/WG11),, no. N14642, 4 August 2014 (2014-08-04), XP030021380
- [I] MISKA M HANNUKSELA ET AL: "A Stream Access Point Sample Group for ISOBMFF", 108. MPEG MEETING; 31-3-2014 - 4-4-2014; VALENCIA; (MOTION PICTURE EXPERT GROUP OR ISO/IEC JTC1/SC29/WG11),, no. m33155, 25 March 2014 (2014-03-25), XP030061607
- [A] DANIEL CATREIN ET AL: "Improved file format support for SRTP reception", 86. MPEG MEETING; 13-10-2008 - 17-10-2008; BUSAN; (MOTION PICTURE EXPERT GROUP OR ISO/IEC JTC1/SC29/WG11),, no. M15842, 9 October 2008 (2008-10-09), XP030044439
- See references of WO 2016097482A1

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 2016097482 A1 20160623**; EP 3234775 A1 20171025; EP 3234775 A4 20181107

DOCDB simple family (application)

**FI 2015050885 W 20151215**; EP 15869403 A 20151215