

Title (en)
AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VOLUMETRIC VIDEO

Title (de)
VORRICHTUNG, VERFAHREN UND COMPUTERPROGRAMM FÜR VOLUMETRISCHES VIDEO

Title (fr)
APPAREIL, PROCÉDÉ ET PROGRAMME INFORMATIQUE POUR VIDÉO VOLUMÉTRIQUE

Publication
EP 4393148 A1 20240703 (EN)

Application
EP 22860687 A 20220622

Priority
• FI 20215899 A 20210826
• FI 2022050445 W 20220622

Abstract (en)
[origin: WO2023025980A1] The embodiments relate to a method and technical equipment for implementing the method. The method comprises obtaining bitstreams of at least two 3D volumetric representations, wherein a first 3D volumetric representation is encoded according to a first format and a second 3D volumetric representation is encoded according to a second format (500); analyzing content and semantics of syntax elements of said at least two 3D volumetric representations (502); determining one or more signaling elements, based on the analysis, to indicate differences in the semantics of the syntax elements between the first format and the second format (504); and encoding the bitstreams of said at least two 3D volumetric representations into a multi-format volumetric representation (506).

IPC 8 full level
H04N 13/161 (2018.01); **G06T 9/00** (2006.01); **H04N 19/46** (2014.01); **H04N 19/597** (2014.01); **H04N 19/70** (2014.01); **H04N 21/234** (2011.01); **H04N 21/2365** (2011.01); **H04N 21/44** (2011.01)

CPC (source: EP)
G06T 9/001 (2013.01); **H04N 13/161** (2018.04); **H04N 13/282** (2018.04); **H04N 19/46** (2014.11); **H04N 19/597** (2014.11); **H04N 19/61** (2014.11); **H04N 19/70** (2014.11); **H04N 21/234** (2013.01); **H04N 21/2365** (2013.01); **H04N 21/44** (2013.01); **H04N 21/816** (2013.01)

Citation (search report)
See references of WO 2023025980A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2023025980 A1 20230302; EP 4393148 A1 20240703

DOCDB simple family (application)
FI 2022050445 W 20220622; EP 22860687 A 20220622