

Title (en)
AN ENCODER, A DECODER AND CORRESPONDING METHODS OF CABAC CODING FOR THE INDICES OF GEOMETRIC PARTITION FLAG

Title (de)
KODIERER, DEKODIERER UND ENTSPRECHENDE VERFAHREN ZUR CABAC-KODIERUNG FÜR DIE INDIZES EINER GEOMETRISCHEN PARTITIONSFLAGGE

Title (fr)
CODEUR, DÉCODEUR ET PROCÉDÉS CORRESPONDANTS DE CODAGE CABAC POUR LES INDICES D'UN INDICATEUR DE PARTITION GÉOMÉTRIQUE

Publication
EP 4022925 A4 20221116 (EN)

Application
EP 20858732 A 20200826

Priority
• EP 2019072797 W 20190827
• CN 2020111338 W 20200826

Abstract (en)
[origin: WO2021037053A1] The present disclosure discloses a method of coding implemented by a decoding device, comprising: obtaining a bitstream; obtaining an aspect ratio of a current block; obtaining a context model index for the current block according to the aspect ratio; obtaining, according to the context model index of the current block, a value of a geometric partition flag for the current block from the bitstream, wherein the geometric partition flag of the current block indicates whether a geometric partition mode is used or not for the current block; and decoding the current block according to the value of the geometric partition flag.

IPC 8 full level
H04N 19/119 (2014.01); **H04N 19/13** (2014.01); **H04N 19/176** (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP)
H04N 19/119 (2014.11); **H04N 19/13** (2014.11); **H04N 19/176** (2014.11); **H04N 19/70** (2014.11)

Citation (search report)
• [X] WO 2019138998 A1 20190718 - PANASONIC IP CORP AMERICA [US]
• [Y] WO 2019009503 A1 20190110 - SAMSUNG ELECTRONICS CO LTD [KR] & EP 3621305 A1 20200311 - SAMSUNG ELECTRONICS CO LTD [KR]
• [Y] ESENLIK (HUAWEI) S ET AL: "Non-CE4: Geometrical partitioning for inter blocks", no. JVET-O0489 ; m48614, 3 July 2019 (2019-07-03), XP030219719, Retrieved from the Internet <URL:http://phenix.int-evry.fr/jvet/doc_end_user/documents/15_Gothenburg/wg11/JVET-O0489-v3.zip JVET-O0489_v2.docx> [retrieved on 20190703]
• See also references of WO 2021037053A1

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 2021037053 A1 20210304; CN 114303380 A 20220408; CN 114303380 B 20240409; EP 4022925 A1 20220706; EP 4022925 A4 20221116

DOCDB simple family (application)
CN 2020111338 W 20200826; CN 202080060441 A 20200826; EP 20858732 A 20200826