

Title (en)
CODING METHOD, DEVICE, SYSTEM WITH SHARED MPM LIST

Title (de)
CODIERUNGSVERFAHREN, VORRICHTUNG, SYSTEM MIT GEMEINSAM GENUTZTER MPM-LISTE

Title (fr)
PROCÉDÉ, DISPOSITIF, ET SYSTÈME DE CODAGE AVEC LISTE DE MPM PARTAGÉE

Publication
EP 3932053 A4 20220406 (EN)

Application
EP 20769723 A 20200313

Priority
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• US 201962832231 P 20190410
• CN 2020079098 W 20200313

Abstract (en)
[origin: WO2020182196A1] It is provided a method of coding implemented by an encoding/decoding device for intra prediction of a block (image or frame block), the method comprises: constructing a Most Probable Mode (MPM) list for a neighbor block of a current block; and determining whether the current block and the neighbor block are included in a MPM estimation region. When the current block and the neighbor block are included in the MPM estimation region, using the MPM list of the neighbor block as a MPM list for the current block. As a result, the MPM list construction logic need not be repeated for all the blocks, but rather be constructed only once at the parent (shared MPM mode).

IPC 8 full level
H04N 19/105 (2014.01); **H04N 19/157** (2014.01); **H04N 19/176** (2014.01); **H04N 19/463** (2014.01); **H04N 19/593** (2014.01)

CPC (source: EP)
H04N 19/105 (2014.11); **H04N 19/157** (2014.11); **H04N 19/176** (2014.11); **H04N 19/463** (2014.11); **H04N 19/593** (2014.11)

Citation (search report)
• [E] WO 2020114420 A1 20200611 - HUAWEI TECH CO LTD [CN]
• [XAI] KOTRA (HUAWEI) A M ET AL: "AHG16/Non-CE3: Shared MPM list", no. m46841, 13 March 2019 (2019-03-13), XP030209565, Retrieved from the Internet <URL:http://phenix.int-evry.fr/mpeg/doc_end_user/documents/126_Geneva/wg11/m46841-JVET-N0183-v1-JVET-N0183-v1.docx> [retrieved on 20190313]
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• See references of WO 2020182196A1

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 2020182196 A1 20200917; EP 3932053 A1 20220105; EP 3932053 A4 20220406

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