

Title (en)

A METHOD, AN APPARATUS AND A COMPUTER PROGRAM PRODUCT FOR VIDEO ENCODING AND VIDEO DECODING

Title (de)

VERFAHREN, VORRICHTUNG UND COMPUTERPROGRAMMPRODUKT ZUR VIDEOCODIERUNG UND VIDEODECODIERUNG

Title (fr)

PROCÉDÉ, APPAREIL ET PRODUIT DE PROGRAMME INFORMATIQUE POUR LE CODAGE ET LE DÉCODAGE VIDÉO

Publication

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Application

EP 20772663 A 20200319

Priority

- US 201962821597 P 20190321
- FI 2020050176 W 20200319

Abstract (en)

[origin: WO2020188149A1] There are disclosed a method and an apparatus for video encoding. A method may include generating a bitstream of coded video sequence comprising pictures in a picture order; wherein the generating comprises 1) for a first picture of the video sequence, coding a region on a corner of the picture in intra mode to generate a refresh region; and 2) repeating the following for each subsequent picture of the video sequence in a picture order: coding a region corresponding to the refresh region of a previous picture in inter mode, and coding a region that is diagonally next to the region corresponding to the refresh region of the previous picture in intra mode to expand the refresh region, and indicating in a bitstream a use of a diagonal refresh and transmitting the coded bitstream to a decoder.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [X] WO 2013055596 A1 20130418 - ADVANCED MICRO DEVICES INC [US], et al
- [A] J-M THIESSE (VITEC) ET AL: "AHG14: Normative Intra Refresh Proposal", no. m44171, 10 October 2018 (2018-10-10), XP030193207, Retrieved from the Internet <URL:http://phenix.int-evry.fr/mpeg/doc_end_user/documents/124_Macao/wg11/m44171-JVET-L0161-v3-JVET-L0161-v3.zip JVET-L0161.docx> [retrieved on 20181010]
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- See references of WO 2020188149A1

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