

Title (en)

DEVICES AND METHODS FOR IMAGE AND VIDEO CODING

Title (de)

VORRICHTUNGEN UND VERFAHREN FÜR DIE BILD- UND VIDEOKODIERUNG

Title (fr)

DISPOSITIFS ET PROCÉDÉS DE CODAGE D'IMAGES ET DE VIDÉO

Publication

EP 3685580 A1 20200729 (EN)

Application

EP 17788155 A 20171009

Priority

EP 2017075707 W 20171009

Abstract (en)

[origin: WO2019072366A1] The invention relates to an apparatus (100) configured to determine an adopted intra prediction mode on the basis of a most probable modes list, a selected modes list and a non-selected modes list, wherein the adopted intra prediction mode is one of a plurality of intra prediction modes comprising a plurality of angular intra prediction modes for predicting sample values of a current picture block (103), wherein the apparatus (100) comprises a processing unit (101) configured to: generate at least a portion of the most probable modes list of intra prediction modes by including intra prediction modes adopted for neighboring picture blocks (107) of the current picture block (103) in the most probable modes list; and generate at least a portion of the selected modes list of intra prediction modes by including intra prediction modes adopted for neighboring picture blocks of the neighboring picture blocks (107) of the current picture block (103) in the selected modes list. Moreover, the invention relates to an encoding apparatus and a decoding apparatus comprising the apparatus (100).

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