

Title (en)

REMOVING BLOCKING ARTIFACTS INSIDE CODING UNIT PREDICTED BY INTRA BLOCK COPY

Title (de)

ENTFERNUNG VON BLOCKIERUNGSA RTEFAKTEN INNERHALB EINER DURCH INTRABLOCKKOPIE VORHERGESAGTEN CODIERUNGSEINHEIT

Title (fr)

ÉLIMINATION D'ARTÉFACTS BLOQUANTS DANS UNE UNITÉ DE CODAGE PRÉDITS PAR COPIE INTRA-BLOC

Publication

EP 4029271 A4 20221116 (EN)

Application

EP 20822436 A 20201002

Priority

- US 201962911275 P 20191005
- RU 2020050263 W 20201002

Abstract (en)

[origin: WO2020251420A2] A method of performing a deblocking filter for blocks predicted by using intra block copy prediction mode, the method performed by coding device, the method comprising the following steps: determining a position of a reference block, constructing a prediction for the current block from the reference block, performing a deblocking process for each color component, comprising: calculating the boundary strength for each sub-block of the current block in vertical direction, respectively, performing deblocking filtering in vertical direction, calculating the boundary strength for each sub-block of the current block in horizontal direction, respectively, and performing deblocking filtering in horizontal direction; wherein the size of each sub-block is at least 4x4.

IPC 8 full level

H04N 19/82 (2014.01); **H04N 19/157** (2014.01); **H04N 19/593** (2014.01); **H04N 19/86** (2014.01)

CPC (source: EP)

H04N 19/117 (2014.11); **H04N 19/14** (2014.11); **H04N 19/157** (2014.11); **H04N 19/176** (2014.11); **H04N 19/593** (2014.11); **H04N 19/82** (2014.11); **H04N 19/86** (2014.11)

Citation (search report)

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- [X] WO 2015179898 A1 20151203 - CANON KK [JP], et al
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- See references of WO 2020251420A2

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)

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DOCDB simple family (application)

RU 2020050263 W 20201002; EP 20822436 A 20201002