

Title (en)

ADAPTIVE ADJUSTMENT OF WEIGHTING PREDICTION PARAMETER PRECISION

Title (de)

ADAPTIVE EINSTELLUNG DER GENAUIGKEIT VON GEWICHTUNGSVORHERSAGEPARAMETERN

Title (fr)

PROCÉDÉ ET APPAREIL DE RÉGLAGE ADAPTATIF DE PRÉCISION DE PARAMÈTRE DE PRÉDICTION DE PONDÉRATION POUR HARMONISER UN MODE DE FUSION NON RECTANGULAIRE ET UNE PRÉDICTION PONDÉRÉE

Publication

**EP 4029261 A4 20221123 (EN)**

Application

**EP 20823097 A 20201005**

Priority

- EP 2019077031 W 20191007
- RU 2020050271 W 20201005

Abstract (en)

[origin: WO2020251422A2] The application refers to a computer-implemented method for a weighting inter prediction process, the method comprising: determining a value of a dynamic range of at least two weights that are to be used for obtaining a weighting parameter to be used in the weighting inter prediction process; obtaining a bit budget value, the bit budget value indicating a number of bits available for the weighting parameter obtained from the at least two weights; and adjusting a precision of the weighting parameter, by right-shifting the value of the weighting parameter by a value that is equal to a difference between the value of the dynamic range and the bit budget value. Furthermore, an encoder and a decoder implementing the above method at least partially are provided.

IPC 8 full level

**H04N 19/107** (2014.01); **H04N 19/109** (2014.01); **H04N 19/115** (2014.01); **H04N 19/119** (2014.01); **H04N 19/176** (2014.01); **H04N 19/463** (2014.01); **H04N 19/61** (2014.01)

CPC (source: EP)

**H04N 19/109** (2014.11); **H04N 19/115** (2014.11); **H04N 19/176** (2014.11); **H04N 19/463** (2014.11); **H04N 19/107** (2014.11); **H04N 19/119** (2014.11); **H04N 19/61** (2014.11)

Citation (search report)

- [I] EP 3053340 B1 20170913 - QUALCOMM INC [US]
- [I] BROSS B ET AL: "Versatile Video Coding (Draft 5)", no. JVET-N1001, 2 July 2019 (2019-07-02), pages 1 - 406, XP030220731, Retrieved from the Internet <URL:http://phenix.int-evry.fr/jvet/doc\_end\_user/documents/14\_Geneva/wg11/JVET-N1001-v10.zip JVET-N1001-v10.docx> [retrieved on 20190702]
- See references of WO 2020251422A2

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 2020251422 A2 20201217**; **WO 2020251422 A3 20210318**; EP 4029261 A2 20220720; EP 4029261 A4 20221123

DOCDB simple family (application)

**RU 2020050271 W 20201005**; EP 20823097 A 20201005