Title (en)
METHOD AND APPARATUS OF PALETTE MODE CODING FOR COLOUR VIDEO DATA

Title (de)
VERFAHREN UND VORRICHTUNG EINER PALETTENMODUSCODIERUNG FÜR FARBVIDEODATEN

Title (fr)
PROCÉDÉ ET APPAREIL DE CODAGE DE MODE À PALETTES POUR DONNÉES VIDÉO EN COULEURS

Publication
EP 3449633 A1 20190306 (EN)

Application
EP 17805750 A 20170526

Priority
- US 201662342882 P 20160528
- CN 2017086066 W 20170526

Abstract (en)
[origin: WO2017206805A1] Methods and apparatus for a coding system using palette mode coding for colour video are disclosed. According to method, when the palette mode is enabled, separate coding of luma and chroma components is disabled or if separate coding of luma and chroma components, the palette mode is disabled. According to another method, when the palette mode is enabled for the current image, palette mode coding is only applied to the luma blocks and non-palette mode coding is applied to the chroma blocks. According to yet another method, palette mode coding is applied to the luma blocks using luma palettes if the palette mode is selected for the luma blocks and palette mode coding applying to the chroma blocks using chroma palettes if the palette mode is selected for the chroma blocks. According to yet another method, the scan direction for a non-square CU depends on the shape of the non-square.

IPC 8 full level
H04N 19/176 (2014.01)

CPC (source: CN EP)
H04N 19/11 (2014.11 - CN EP); **H04N 19/129** (2014.11 - CN EP); **H04N 19/157** (2014.11 - CN EP); **H04N 19/176** (2014.11 - CN EP);
H04N 19/186 (2014.11 - CN EP); **H04N 19/70** (2014.11 - CN); **H04N 19/96** (2014.11 - CN); H04N 19/119 (2014.11 - CN EP)

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 2017206805 A1 20171207; CN 109479137 A 20190315; CN 109479137 B 20210921; CN 113727109 A 20211130;
CN 113727109 B 20231229; EP 3449633 A1 20190306; EP 3449633 A4 20191218; EP 3731527 A1 20201028; EP 3731527 B1 20221019;
ES 2935261 T3 20230303; PL 3731527 T3 20230109; TW 201811043 A 20180316; TW I672943 B 20190921

DOCDB simple family (application)
CN 2017086066 W 20170526; CN 201780030882 A 20170526; CN 202110768355 A 20170526; EP 17805750 A 20170526;
EP 20180787 A 20170526; ES 20180787 T 20170526; PL 20180787 T 20170526; TW 106117842 A 20170531