

Title (en)

DECODING OF INTER-LAYER REFERENCE PICTURE SET AND REFERENCE PICTURE LIST CONSTRUCTION

Title (de)

DECODIERUNG VON ZWISCHENSCHICHTREFERENZBILDERSETS UND KONSTRUKTION VON REFERENZBILDLISTEN

Title (fr)

DÉCODAGE D'ENSEMBLE D'IMAGES DE RÉFÉRENCE INTERCOUCHES ET CONSTRUCTION DE LISTE D'IMAGES DE RÉFÉRENCE

Publication

**EP 2982123 A4 20160907 (EN)**

Application

**EP 14779228 A 20140402**

Priority

- US 201313857990 A 20130405
- US 201361818804 P 20130502
- JP 2014001923 W 20140402

Abstract (en)

[origin: WO2014162739A1] A method for video coding is described. Signaling of a maximum number of sub-layers for inter-layer prediction is obtained. A sub-layer non-reference picture is also obtained. It is determined whether a value of a temporal identifier of the sub-layer non-reference picture is greater than the maximum number of sub-layers for inter-layer prediction minus 1. The sub-layer non-reference picture is marked as "unused for reference" if the value of the temporal identifier of the sub-layer non-reference picture is greater than the maximum number of sub-layers for inter-layer prediction minus 1. In some cases a sub-layer non-reference picture is also obtained. It is determined whether a value of a temporal identifier of the sub-layer non-reference picture is greater than the maximum number of sub-layers for inter-layer prediction. The sub-layer non-reference picture is marked as "unused for reference" if the value of the temporal identifier of the sub-layer non-reference picture is greater than the maximum number of sub-layers for inter-layer prediction.

IPC 8 full level

**H04N 19/105** (2014.01); **H04N 19/157** (2014.01); **H04N 19/187** (2014.01); **H04N 19/30** (2014.01); **H04N 19/503** (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP)

**H04N 19/105** (2014.11); **H04N 19/157** (2014.11); **H04N 19/187** (2014.11); **H04N 19/30** (2014.11); **H04N 19/503** (2014.11); **H04N 19/70** (2014.11); **H04N 19/463** (2014.11)

Citation (search report)

- [Y] HANNUKSELA (NOKIA) M M ET AL: "Design considered for signalling inter-layer prediction indication", 103. MPEG MEETING; 21-1-2013 - 25-1-2013; GENEVA; (MOTION PICTURE EXPERT GROUP OR ISO/IEC JTC1/SC29/WG11),, no. m28333, 22 January 2013 (2013-01-22), XP030056879
- [Y] CHEN J ET AL: "SHVC Working Draft 1", 12. JCT-VC MEETING; 103. MPEG MEETING; 14-1-2013 - 23-1-2013; GENEVA; (JOINT COLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16 ); URL: HTTP://WFTP3.ITU.INT/AV-ARCH/JCTVC-SITE/, no. JCTVC-L1008, 20 March 2013 (2013-03-20), XP030113953
- [IP] DESHPANDE (SHARP) S: "MV-HEVC/SHVC HLS: On Design for Signaling Inter-layer Prediction", 4. JCT-3V MEETING; 20-4-2013 - 26-4-2013; INCHEON; (THE JOINT COLLABORATIVE TEAM ON 3D VIDEO CODING EXTENSION DEVELOPMENT OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16 ); URL: HTTP://PHENIX.INT-EVRY.FR/JCT2/, no. JCT3V-D0082, 15 April 2013 (2013-04-15), XP030130746
- See references of WO 2014162739A1

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

DOCDB simple family (publication)

**WO 2014162739 A1 20141009**; CN 105122816 A 20151202; EP 2982123 A1 20160210; EP 2982123 A4 20160907; HK 1215835 A1 20160915; JP 2016519853 A 20160707

DOCDB simple family (application)

**JP 2014001923 W 20140402**; CN 201480020037 A 20140402; EP 14779228 A 20140402; HK 16103766 A 20160401; JP 2015545211 A 20140402