

Title (en)

JCTVC-L0227: VPS_EXTENSION WITH UPDATES OF PROFILE-TIER-LEVEL SYNTAX STRUCTURE

Title (de)

JCTVC-L0227: VPS-ERWEITERUNG MIT AKTUALISIERUNGEN DER PROFIL-STUFE-EBENE-SYNTAXSTRUKTUR

Title (fr)

JCTVC-L0227: STRUCTURE SYNTAXIQUE VPS_EXTENSION AVEC MISES À JOUR DE LA STRUCTURE SYNTAXIQUE
PROFILE_TIER_LEVEL

Publication

EP 2926560 A4 20161026 (EN)

Application

EP 13870094 A 20131218

Priority

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Abstract (en)

[origin: WO2014107312A1] The profile_tier_level syntax structure of a High Efficiency Video Coding (HEVC) syntax structure is updated to provide more flexibility for use in the vps_extension() syntax structure for use in each layer or operating point. A new flag 'LevelPresentFlag' is added in profile_tier_level syntax structure to support the variance of Level parameters separately from the Profile/Tier Parameter. The update to the profile_tier_level syntax structure provides flexibility in selecting profile_tier and level parameters for HEVC selections in scalable video coding, multi-view coding and 3D video coding areas.

IPC 8 full level

H04N 19/30 (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP KR)

H04N 19/157 (2014.11 - KR); **H04N 19/30** (2014.11 - EP); **H04N 19/423** (2014.11 - KR); **H04N 19/597** (2014.11 - EP);
H04N 19/70 (2014.11 - EP KR)

Citation (search report)

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- [XI] CHEN Y ET AL: "3D-HLS: Video parameter set for 3D-HEVC", 1. JCT-3V MEETING; 101. MPEG MEETING; 16-7-2012 - 20-7-2012; STOCKHOLM; (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-A0099, 11 July 2012 (2012-07-11), XP030130098
- See references of WO 2014107312A1

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WO 2014107312 A1 20140710; CN 104904211 A 20150909; CN 104904211 B 20180612; CN 108337520 A 20180727;
EP 2926560 A1 20151007; EP 2926560 A4 20161026; JP 2016508332 A 20160317; JP 2017153087 A 20170831; JP 6107970 B2 20170405;
JP 6399125 B2 20181003; KR 101710290 B1 20170224; KR 102000373 B1 20190715; KR 20150092250 A 20150812;
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