

Title (en)
MULTI-LAYER VIDEO CODING AND DECODING METHODS AND MULTI-LAYER VIDEO ENCODER AND DECODER

Title (de)
VERFAHREN ZUR MEHRSCICHTIGEN VIDEOCODIERUNG UND -DECODIERUNG UND MEHRSCICHTIGER VIDEOCODIERER UND -DECODIERER

Title (fr)
PROCEDES DE DECODAGE ET CODAGE VIDEO MULTICOUCHES, CODEUR ET DECODEUR VIDEO MULTICOUCHES

Publication
EP 1787473 A4 20090121 (EN)

Application
EP 05780534 A 20050813

Priority

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- KR 20040090991 A 20041109

Abstract (en)
[origin: WO2006028330A1] Multi-layer video coding and decoding methods, multi-layer video encoder and multi-layer video decoder are provided. The multi-layer video coding method includes encoding a video frame having a predetermined resolution using a first video coding scheme, using a frame encoded by the first video coding scheme as a reference to encode the video frame with the same resolution as the predetermined resolution using a second video coding scheme, and generating a bitstream containing the frames encoded by the first and second video coding schemes.

IPC 8 full level
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Citation (search report)

- [PX] EP 1501311 A1 20050126 - NEC CORP [JP]
- [X] ANDREOPOULOS Y ET AL: "Spatio-temporal-snr scalable wavelet coding with motion compensated dct base-layer architectures", PROCEEDINGS 2003 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING. ICIP-2003. BARCELONA, SPAIN, SEPT. 14 - 17, 2003; [INTERNATIONAL CONFERENCE ON IMAGE PROCESSING], NEW YORK, NY : IEEE, US, vol. 2, 14 September 2003 (2003-09-14), pages 795 - 798, XP010669923, ISBN: 978-0-7803-7750-9
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Citation (examination)
SCHAAR VAN DER M ET AL: "EMBEDDED DCT AND WAVELET METHODS FOR FINE GRANULAR SCALABLE VIDEO: ANALYSIS AND COMPARISON", PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING (SPIE), SPIE, USA LNKD-DOI:10.1117/12.382999, vol. 3974, 1 January 2000 (2000-01-01), pages 643 - 653, XP000981435, ISSN: 0277-786X

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