

Title (en)

METHOD AND APPARATUS FOR ENCODING/DECODING MULTI-LAYER VIDEO USING WEIGHTED PREDICTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR CODIERUNG/DECODIERUNG VON MEHRSCICHT-VIDEO UNTER VERWENDUNG GEWICHTETER PRÄDIKTION

Title (fr)

PROCEDE ET APPAREIL DESTINE A CODER/DECODER UNE VIDEO A COUCHES MULTIPLES EN UTILISANT UNE PREDICTION PONDEREE

Publication

**EP 1878252 A1 20080116 (EN)**

Application

**EP 06747383 A 20060420**

Priority

- KR 2006001472 W 20060420
- US 67631405 P 20050502
- KR 20050059834 A 20050704

Abstract (en)

[origin: WO2006118384A1] A method and apparatus effectively encode multiple layers using interlayer information in a multi-layered video codec. The method includes reading information concerning the low layer picture, calculating weighting factors using the information concerning the low layer picture, calculating a weighted sum of reference pictures for the current picture using the weighting factors and generating a predicted picture for the current picture, and encoding a difference between the current picture and the predicted picture.

IPC 8 full level

**H04N 7/26** (2006.01); **H04N 7/24** (2011.01); **H04N 7/32** (2006.01); **H04N 7/46** (2006.01); **H04N 7/50** (2006.01)

CPC (source: EP)

**H04N 19/103** (2014.11); **H04N 19/105** (2014.11); **H04N 19/109** (2014.11); **H04N 19/33** (2014.11); **H04N 19/36** (2014.11); **H04N 19/50** (2014.11); **H04N 19/577** (2014.11); **H04N 19/587** (2014.11); **H04N 19/59** (2014.11)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006118384 A1 20061109**; EP 1878252 A1 20080116; EP 1878252 A4 20130116

DOCDB simple family (application)

**KR 2006001472 W 20060420**; EP 06747383 A 20060420