

Title (en)
METHOD FOR DECODING A BLOCK OF A VIDEO IMAGE

Title (de)
VERFAHREN ZUM DECODIEREN EINES BLOCKS EINES VIDEOBILDES

Title (fr)
PROCEDE DE DECODAGE D'UN BLOC D'UNE IMAGE VIDEO

Publication
EP 2095643 A2 20090902 (FR)

Application
EP 07857912 A 20071220

Priority
• EP 2007064291 W 20071220
• FR 0655837 A 20061221

Abstract (en)
[origin: WO2008074857A2] The method of the invention is characterised in that it comprises the following steps : determining (8) the type of prediction window (15) related to the movement vector, either incoming or outgoing if the prediction window (15) is entirely or partially positioned in the reference image (14); if the prediction window is of the outgoing type, filling a prediction buffer area having dimensions at least equal to that of the prediction window and positioned so as to include the prediction window in order to define said filling, with the pixels of the reference image (10) that are common to the prediction area (18) and, for the remaining portion (19, 20, 21), by copying from said pixels those located on the edge of the image; and calculating a predictor from the pixels (11) of the buffer area located in the prediction window (15). Application in 10-fold H 264 or MPEG4 format compression.

IPC 8 full level
H04N 19/51 (2014.01); **H04N 19/103** (2014.01); **H04N 19/105** (2014.01)

CPC (source: EP KR US)
H04N 19/103 (2014.11 - KR); **H04N 19/105** (2014.11 - KR); **H04N 19/42** (2014.11 - EP US); **H04N 19/44** (2014.11 - EP US);
H04N 19/51 (2014.11 - EP KR US); **H04N 19/523** (2014.11 - EP US); **H04N 19/55** (2014.11 - EP US); **H04N 19/563** (2014.11 - EP US);
H04N 19/61 (2014.11 - EP US)

Citation (search report)
See references of WO 2008074857A2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008074857 A2 20080626; **WO 2008074857 A3 20080814**; CN 101563927 A 20091021; EP 2095643 A2 20090902;
JP 2010514300 A 20100430; KR 20090104050 A 20091005; US 2010020879 A1 20100128

DOCDB simple family (application)
EP 2007064291 W 20071220; CN 200780046851 A 20071220; EP 07857912 A 20071220; JP 2009542063 A 20071220;
KR 20097015236 A 20071220; US 44844107 A 20071220