Title (en)

IMAGE PROCESSOR AND IMAGE PROCESSING METHOD USING SCAN RATE CONVERSION

Title (de)

BILDPROZESSOR UND BILDVERARBEITUNGSVERFAHREN UNTER VERWENDUNG DER ABTASTRATENUMWANDLUNG

Title (fr)

PROCESSEUR D'IMAGES ET PROCEDE DE TRAITEMENT D'IMAGES PAR CONVERSION DE LA CADENCE DE BALAYAGE

Publication

EP 1762092 A1 20070314 (EN)

Application

EP 05750971 A 20050620

Priority

• IB 2005052014 W 20050620
• US 58158204 P 20040621

Abstract (en)

[origin: WO2006000977A1] Image processor (100) connectable to a system bus (112) for exchanging data with an external device (110). The image processor (100) comprises a memory unit (102, 103), a motion estimator (104), and a motion compensation unit (107) for outputting a scan rate converted output image frame. The image processor (100) is arranged to perform motion-compensated scan rate conversion when the video data signal is a standard-definition TV signal and to perform non-motion-compensated scan rate conversion when the video data signal is a high-definition TV signal.

IPC 8 full level

H04N 7/01 (2006.01); **H04N 5/14** (2006.01); **H04N 5/44** (2011.01)

CPC (source: EP)

H04N 5/145 (2013.01); **H04N 7/012** (2013.01); **H04N 7/0125** (2013.01); **H04N 7/014** (2013.01)

Citation (search report)

See references of WO 2006000977A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006000977 A1 20060105; CN 1973541 A 20070530; EP 1762092 A1 20070314; JP 2008509576 A 20080327

DOCDB simple family (application)

IB 2005052014 W 20050620; CN 200580020589 A 20050620; EP 05750971 A 20050620; JP 2007516141 A 20050620