

Title (en)
SCALEABLE RESOLUTION MOTION IMAGE RECORDING AND STORAGE SYSTEM

Title (de)
SYSTEM ZUM AUFZEICHNEN UND SPEICHERN BEWEGTER BILDER MIT SKALIERBARER AUFLÖSUNG

Title (fr)
SYSTEME D'ENREGISTREMENT ET DE STOCKAGE D'IMAGES ANIMEES A ECHELLE DE RESOLUTION REGLABLE

Publication
EP 1157540 A4 20030521 (EN)

Application
EP 00919270 A 20000204

Priority
• US 0003103 W 20000204
• US 11855699 P 19990204

Abstract (en)
[origin: WO0046978A2] A system for scaling resolution of an image input stream to a desired resolution is provided. The system comprises a processor for pre-processing the image input stream; an IO system for receiving the image input stream; an input analog converter for converting the image input stream, a frame buffer for storing image frames, a router for decorrelating the image input stream and dividing the stream among one or more processors, a temporal processor for performing temporal transforms of the image input stream, a DMA channel for delivering the encoded data to a storage device; and a local storage device for storing the processed image input stream. The method uses the described system components to create a scaleable resolution motion image recording that can be stored and played back on any number of different playback devices.

IPC 1-7
H04N 7/26; **H04N 7/50**

IPC 8 full level
G06T 3/40 (2006.01); **H04N 5/92** (2006.01); **H04N 7/26** (2006.01); **H04N 7/30** (2006.01); **H04N 7/50** (2006.01); **H04N 9/79** (2006.01)

CPC (source: EP KR)
G06T 3/40 (2013.01 - EP); **H04N 7/01** (2013.01 - KR); **H04N 9/7921** (2013.01 - EP); **H04N 19/46** (2014.11 - EP); **H04N 19/61** (2014.11 - EP)

Citation (search report)
• [Y] WO 9811728 A1 19980319 - WDE INC [CA], et al
• [Y] US 5768445 A 19980616 - TROELLER MARK W [US], et al
• [Y] FR 2758670 A1 19980724 - FRANCE TELECOM [FR]
• [PYPA] WO 9960793 A1 19991125 - INTEL CORP [US], et al
• [Y] GB 2303030 A 19970205 - RICOH KK [JP]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0046978 A2 20000810; **WO 0046978 A3 20001207**; AU 3998300 A 20000825; AU 771764 B2 20040401; CA 2361474 A1 20000810; EP 1157540 A1 20011128; EP 1157540 A4 20030521; JP 2002536919 A 20021029; KR 100629808 B1 20060929; KR 20010101779 A 20011114

DOCDB simple family (application)
US 0003103 W 20000204; AU 3998300 A 20000204; CA 2361474 A 20000204; EP 00919270 A 20000204; JP 2000597943 A 20000204; KR 20017009881 A 20010804