

Title (en)
LIGHT-BEAM DIGITAL PROJECTION VIDEO MOTOR

Title (de)
LICHTSTRAHL-DIGITAL-PROJEKTIONSVIDEOMOTOR

Title (fr)
MOTEUR DE VIDEO PROJECTION NUMERIQUE A FAISCEAU LUMINEUX

Publication
EP 1825666 A1 20070829 (FR)

Application
EP 05824552 A 20051201

Priority

- FR 2005002992 W 20051201
- FR 0412838 A 20041203

Abstract (en)
[origin: WO2006059007A1] The invention concerns a system for projecting a digital video image sequence using a light beam capable of being generated by a source (1) on a 3D swivel joint (2), of low/medium power laser type or white light laser type. The system comprises a shutter microdisc (4) with slots (3), two rotary optical discs (5) and (7) digitally interlocked on an axis (12) with 3D swivel joints (6), generating vertical and horizontal scanning of the screen, the whole assembly terminated by a rectangular shutter (8). The display is achieved by successive reflections of the light beam on microscopic reflecting facets arranged on the surface of the discs (5) and (7).

IPC 8 full level
H04N 3/08 (2006.01); **G02B 5/09** (2006.01)

CPC (source: EP KR US)
G02B 5/09 (2013.01 - EP KR US); **G02B 26/12** (2013.01 - EP US); **G02B 27/18** (2013.01 - KR); **H04N 3/08** (2013.01 - EP US); **H04N 5/74** (2013.01 - EP KR US); **H04N 9/3129** (2013.01 - EP US)

Citation (search report)
See references of WO 2006059007A1

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 2006059007 A1 20060608; AU 2005311186 A1 20060608; AU 2011201434 A1 20110428; CA 2593442 A1 20060608; CN 101138231 A 20080305; EP 1825666 A1 20070829; FR 2878967 A1 20060609; FR 2878967 B1 20070126; KR 20070086722 A 20070827; MA 29631 B1 20080701; MX 2007007941 A 20071122; NZ 556039 A 20110331; RU 2007126662 A 20090110; RU 2351965 C1 20090410; US 2008218826 A1 20080911; US 7782515 B2 20100824; ZA 200705395 B 20081029

DOCDB simple family (application)
FR 2005002992 W 20051201; AU 2005311186 A 20051201; AU 2011201434 A 20110330; CA 2593442 A 20051201; CN 200580047074 A 20051201; EP 05824552 A 20051201; FR 0412838 A 20041203; KR 20077014691 A 20070627; MA 30574 A 20080116; MX 2007007941 A 20051201; NZ 55603905 A 20051201; RU 2007126662 A 20051201; US 72133305 A 20051201; ZA 200705395 A 20070703