

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)

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Citation (search report)

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