

Title (en)
SCANNING HEAD LENS ASSEMBLY

Title (de)
ABTASTKOPF MIT LINSSENSYSTEM

Title (fr)
ENSEMBLE TETE DE BALAYAGE DOTE DE LENTILLES

Publication
EP 1131666 A4 20060215 (EN)

Application
EP 98949565 A 19980928

Priority
US 9820249 W 19980928

Abstract (en)
[origin: CA2345124A1] An optical head assembly, method and procedure which generates and then precisely positions multiple light beams (201) onto a target. The system diffracts an input light source into a multiple light beam (215) pattern, or initially generates a multiple light beam pattern, in which individual beams of the multiple light beam (215) pattern are precisely spaced, corrected, focused and directed through a two axis plane (222, 223) to the target with minimal movement of any components of the optical head assembly. Such individual beams can also be individually modulated.

IPC 8 full level
G02B 7/02 (2006.01); **G11B 7/08** (2006.01); **G02B 26/10** (2006.01); **G02B 27/10** (2006.01)

CPC (source: EP)
G11B 7/08 (2013.01)

Citation (search report)

- [A] US 5293032 A 19940308 - URSHAN SYDNEY [US]
- [A] US 3980818 A 19760914 - BROWNING IBEN
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- [A] US 4809247 A 19890228 - ELLIOTT JAMES E [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 319 (E - 450) 30 October 1986 (1986-10-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 064 (P - 1002) 6 February 1990 (1990-02-06)
- See references of WO 0019264A1

Designated contracting state (EPC)
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CA 2345124 A1 20000406; CA 2345124 C 20081230; EP 1131666 A1 20010912; EP 1131666 A4 20060215; JP 2002526790 A 20020820

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