

Title (en)

LASER BEAM MOVING SYSTEM, E.G. LASER MARKING SYSTEM

Title (de)

VERSCHIEBSYSTEM FÜR EINEN LASERSTRAHL, ZUM BEISPIEL LASERMAKIERUNGSSYSTEM

Title (fr)

SYSTEME DE DEPLACEMENT D'UN FAISCEAU LASER, PAR EXEMPLE SYSTEME DE MARQUAGE AU LASER

Publication

EP 0976002 A1 20000202 (EN)

Application

EP 98912829 A 19980414

Priority

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Abstract (en)

[origin: WO9847035A1] Laser beam moving system comprising a laser beam source, laser beam deflecting means to scan the substrate with the laser beam, control means for controlling the laser beam deflecting means such that the laser beam will scan the substrate in a predetermined manner, and optionally laser beam focussing means to focus the laser beam onto the substrate. It preferably provides a laser beam spot on the substrate that is powerful enough to permanently mark a substrate. Its laser beam deflecting means are adapted to deflect the laser beam over an angle of at least approximately 5 DEG , preferably more than approximately 10 DEG , preferably comprising at least one actuator of the linear type, preferably of the magnetostrictive type, while preferably adapted to deflect the laser beam in two orthogonal directions.

IPC 1-7

G02B 7/182; **B23K 26/04**

IPC 8 full level

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