

Title (en)
METHOD AND SYSTEM FOR CONTROL OF HIGH RESOLUTION HIGH SPEED DIGITAL MICROMIRROR DEVICE FOR LASER REFRACTIVE EYE SURGERY

Title (de)
VERFAHREN UND SYSTEM ZUR REGELUNG EINES HOCHAUFLÖSENDEN DIGITALEN HOCHGESCHWINDIGKEITSMIKROSPIEGELGERÄTS ZUR REFRAKTIVEN AUGENLASERCHIRURGIE

Title (fr)
PROCEDE ET SYSTEME POUR COMMANDER UN DISPOSITIF A MICROMIROIR NUMERIQUE A HAUTE VITESSE ET HAUTE RESOLUTION DANS LA CHIRURGIE DE L'OEIL PAR TECHNIQUE REFRACTIVE AU LASER

Publication
EP 1280471 A4 20090506 (EN)

Application
EP 01930997 A 20010502

Priority

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- US 56715500 A 20000509
- US 56726400 A 20000509
- US 56816600 A 20000509
- US 71853600 A 20001122

Abstract (en)
[origin: WO0185045A1] A laser eye surgery system includes a laser for producing a laser beam capable of making refractive corrections, an optical system for shaping and conditioning the laser beam, a digital micromirror device (DMD) for reflecting the shaped and conditioned beam toward the eye, a computer system for controlling the mirrors of the DMD, and an eye tracking system which tracks the position of the eye and provides feedback to the computer system.

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [X] WO 9827863 A1 19980702 - UNIV ROCHESTER [US]
- [PA] WO 0128409 A1 20010426 - UNIV ROCHESTER [US], et al
- See references of WO 0185045A1

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