# OPTICAL APPARATUS FOR DUAL-BEAM LASER TEXTURING

## ABSTRACT

A disk texturing tool is used, for example, to provide textured spots in an annular portion of both sides of a hardfile disk. Disks 49 are moved into and out of the texturing process in cassettes 48, through two disk-handling stations 38, 39. An optical system includes a laser 108 directed at a beamsplitter 118 to split the laser beam into two beams having approximately power, which are directed along parallel paths through a power control optics block to expose simultaneously opposite sides of a disk 49 to be textured. The power control optics block 136 includes means for attenuating and measuring each of the two beams. A shuttling mirror 134 directs these two beams alternately at a disk within each of the two disk handling stations 38, 39.

Fig. 5