

BALANCING SYSTEM WITH ADJUSTABLE ECCENTRIC RINGS FOR A DISC DRIVE

5

ABSTRACT OF THE DISCLOSURE

A balancing system for a spindle assembly for compensating for dynamic imbalance of the spindle assembly. The spindle assembly includes a rotor rotatable about a shaft. The rotor includes a plurality of radially concentric channels supporting adjustable eccentric rings for
10 dynamically balancing the spindle assembly. The spindle assembly is balanced by adjusting the balanced of eccentric rings assembled with the spindle assembly based upon a measured balance of the spindle assembly and the eccentric rings.

FIG. 4