

ABSTRACT

APPARATUS AND METHOD OF TESTING ABRASION RESISTANCE

5 A device for measuring the abrasion resistance of a material comprising a shaft having a surface of said material; an element having an aperture, through which said shaft is inserted, said aperture being greater than the diameter of the shaft; biasing means for biasing the element so as to form a contact area between the shaft and an inside face of the aperture; rotation means adapted to rotate the shaft for a predetermined length of time whilst the biased contact between the shaft and inside
10 face is maintained; restraining means adapted to apply a restraining force to the element to prevent rotation caused by friction at the contact area, and; a measuring device for measuring the restraining force over the predetermined length of time.

FIG. 2

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