

ABSTRACT**ROTATING STORAGE DEVICE AND ITS CONTROL METHOD**

The present invention provides a method and system effective to remove contamination without generating new contamination by contact between a head and a disk. The method comprising: tracking following on outer area of a disk outside a valid storage area after head (3) is loaded from ramp loading mechanism (17) onto disk (1); repeating moving toward the inside and outside of the disk on outer area after track following on the outer area of the disk; and making the speed of moving toward the outside V_{out} greater than, desirably few times as high as, the speed of moving toward the inside V_{in} .

Fig. 3



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