

WRITE HEAD COLLISION DETECTION USING MR READ ELEMENT IN DISC DRIVES

ABSTRACT OF THE DISCLOSURE

5 An apparatus and associated method for detecting head collision with
disc media, or other matter, during a write operation is disclosed. The
method and apparatus generally monitor the resistance of an MR element on
the head in order to detect a temperature increases indicative of a head
collision. The resistance can be compared to a pre-selected threshold to
10 generate an output indicative of head collision.

Figure 4