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ABSTRACT

A latch mechanism for a hard disk driving device with an enhanced reliability suitable for portable computer HDDs is provided by improving the latch mechanism as a stopper means for preventing unprepared movement of a magnetic head due to external forces such as vibrations or impacts, thereby preventing breakage of the head, caused by contact with a magnetic disk, and also coping with such external forces as very weak impacts or vibrations, where among structural members of the latch mechanism a longer link member having complicated shape is increased in weight to improve the response to the weak impacts and vibrations and make the specific gravity higher by adding 55 to 93 % by weight of tungsten thereto as a metallic filler. The resulting decrease in the flowability during the injection molding due to the addition of tungsten as the metallic filler is covered by using 7 to 45 % by weight of LCP (liquid crystal polymer) having a good flowability as a base material. Injection molding is carried out successfully with the resulting high specific gravity resin material of good flowability having a specific gravity as high as 3 to 10.



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