Abstract

MASTER DISK FOR MAGNETIC PRINTING AND MANUFACTURING METHOD THEREOF

In a master disk for forming a magnetic pattern in a magnetic pattern in a magnetic recording medium by magnetic printing at least two or more kinds of depths of grooves for embedding magnetic materials are provided on a substrate of the master disk - one in which the width of the groove is equal to the width in the sector direction of a servo pattern and one in which the depth is varied. Therefore, the depth of the groove for embedding the soft magnetic film can be provided so as to be made shallow in a region where the pattern width of the servo pattern is narrow and made deep in a region where the pattern width is wide. This enables control of an aspect ratio of a width of a groove vs. a depth thereof, which can provide stabilization of magnetic printability by the master disk.

Selected Drawing Fig. 1