

MAGNETIC HEAD

ABSTRACT

An MR element (200) includes a magnetoresistive (MR) film (210), a first magnetic shield film (400) and a second magnetic shield film (310). The MR film (210) includes at least one magnetic field response film (211), which responds to an external magnetic field. The first magnetic shield film (400) and the second magnetic shield film (310) are positioned at the two sides of the MR film (210). The first magnetic shield film (400) includes a magnetic film (430), whose saturation magnetization is lower than the saturation magnetization of the magnetic field response film (211). The magnetic film (430) occupies a position that is close to the magnetic field response film (211).

Fig. 1

