ABSTRACT

MAGNETORESISTIVE TRANSDUCER WITH SPIN-VALVE STRUCTURE AND MANUFACTURING METHOD OF THE SAME

A MR transducer with a spin-valve structure formed on a substrate. The spin-valve structure has at least an antiferromagnetic material layer made of a NiMn alloy, a first ferromagnetic material layer, a nonmagnetic material layer and a second ferromagnetic material layer sequentially deposited on the substrate in this order.

Figure 1