ANTIPARALLEL (AP) PINNED READ HEAD WITH IMPROVED GMR

ABSTRACT

First and second antiparallel (AP) pinned layers (210, 212) of an AP pinned layer structure (204) are cobalt iron (CoFe) which increases the GMR (magnetoresitive coefficient dr/R) of a spin valve sensor (200) by 10% with improved magnetic stability over a spin valve sensor where the first and second AP pinned layers are cobalt (Co).

FIG 12