Abstract

PERPENDICULAR MAGNETIC RECORDING MEDIA

A perpendicular magnetic recording medium in which a perpendicular magnetic recording layer is placed over a substrate and a soft magnetic layer is placed between the substrate and the perpendicular magnetic recording layer. In the perpendicular magnetic recording medium, a soft magnetic orientation layer placed between the soft magnetic layer and the substrate to magnetically orient the soft magnetic layer. Thus, although the soft magnetic layer is thin, it still has stable magnetic properties and generates less noise.

Figure 3