

**MAGNETIC RECORDING MEDIUM
AND PROCESS FOR PRODUCING THE SAME**

ABSTRACT OF THE DISCLOSURE:

A magnetic recording medium, comprising: a substrate; and a maghemite thin film formed on the substrate, having a surface roughness represented by a center line mean roughness R_a of 0.1 to 1.0 nm, and a coercive force squareness S^* value of not less than 0.50.

Such a magnetic recording medium exhibits excellent magnetic properties, especially, coercive force squareness S^* value and a more enhanced surface smoothness.

Figure 1



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