

TEXTURING APPARATUS FOR MAGNETIC RECORDING MEDIUM
AND MAGNETIC RECORDING MEDIUM PROCESS THEREBY
ABSTRACT OF THE DISCLOSURE

A texturing apparatus used in a process for manufacturing a magnetic recording medium, which comprises:

a substrate rotating means which is rotatable while holding a substrate,

a laser beam source capable of continuously outputting a laser beam,

a modulation means for ON/OFF control of a laser beam from the laser beam source by a pulse frequency from 0.1 to 10 MHz,

a focusing means for irradiating a modified laser beam outputted from the modulation means at a spot diameter of 0.2 to 4 μm to the surface of the substrate held by a substrate rotating means, and

a moving means for relatively moving the laser beam outputted from the focusing means and the substrate rotating means.

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