

This Sheet Has Been Replaced



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REPLACED

OPTICAL INFORMATION RECORDING MEDIUM, MANUFACTURING METHOD
THEREFOR, MANUFACTURING APPARATUS THEREFOR, AND OPTICAL
INFORMATION RECORDING AND REPRODUCING APPARATUS

ABSTRACT

In an optical information recording medium having at least two information layer, guide grooves for tracking or sample pits or information pits corresponding to information signals are formed on a surface of a first substrate (1). A first information layer (2) formed by a thin film for reflecting a portion of a light beam (7) made incident on the first substrate (1) and permitting penetration of a portion of the light beam (7) is formed on a surface of the first substrate (1). Guide grooves for tracking or information pits corresponding to information signals are formed on a surface of a second substrate (3). A second information layer (4) having a reflectance higher than that of the first information layer (2) is formed on a surface of the second substrate (3). Between the first information layer (2) and the second information layer (4), there is formed a transparent separation layer (5) for positioning the first information layer (2) and the second information layer (4) to be spaced a predetermined distance apart from each other.