

[Document Type] Abstract

[Abstract]

[Problem]

To provide a method for cleaning thermoplastic norbornene resin to
5 eliminate impurities of the resin down to a certain quantity, a substrate for a
magnetic recording medium made of the resin cleansed by the method, a
magnetic recording medium using the substrate, and a method for
manufacturing such a recording medium.

10 [Means for solving the problem]

A purifying method of the invention comprises a step of cleaning a
thermoplastic norbornene resin using a cleaning liquid to eliminate organic
impurities, ionic impurities, metallic impurities, and particles of the resin,
wherein the cleaning liquid is selected from 2-propanol and a mixed solvent of 2-
15 propanol and water. A substrate for a magnetic recording medium of the
invention is fabricated by injection-molding the thermoplastic norbornene resin
purified by the method. A magnetic recording medium of the invention
comprises such a substrate, and a magnetic layer, a protective layer, and a liquid
lubricant layer sequentially formed on the substrate. A method for
20 manufacturing such a magnetic recording medium is also provided.

[Selected drawing]

Figure 1

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