METHOD OF MANUFACTURING A GLASS SUBSTRATE FOR AN INFORMATION RECORDING MEDIUM, AND METHOD OF MANUFACTURING AN INFORMATION RECORDING MEDIUM

ABSTRACT

On manufacturing a glass substrate for an information recording medium, after a principal surface of the glass substrate is polished, sulfuric acid-cleaning of the principal surface is carried out so that the glass substrate has surface roughnesses Ra and Rmax satisfying Ra=0.1-0.7 nm and Rmax/Ra<20 as measured by an inter-atomic force microscope (AFM), where Ra is representative of a center-line-mean roughness and Rmax is defined as a maximum height representative of a difference between a highest point and a lowest point.

FIG 1