

ABSTRACT:

In a process for producing a glass substrate for information recording media, from a glass disk made of low alkali aluminosilicate glass, via a polishing step using a slurry that contains cerium oxide abrasives, retention of cerium oxide abrasives is prevented, and surface roughening of the main surface is minimized. A process for producing a glass substrate for information recording media, comprising a lapping step of lapping a glass disk made of low alkali aluminosilicate glass that contains no alkali metal oxide or contains alkali metal oxides in a total amount of less than 4 mol%, and a cerium oxide polishing step of subsequently polishing the glass disk by using a slurry that contains cerium oxide abrasives, characterized by including, following the cerium oxide polishing step, a cleaning step of cleaning the glass disk by using a cleaning liquid that contains sulfuric acid at a concentration of from 20 mass% to 80 mass% and hydrogen peroxide at a concentration of from 0.5 mass% to 10 mass% at a liquid temperature of from 50°C to 100°C, and a finish polishing step of polishing the main surface of the glass disk after the cleaning step, by using a slurry that contains colloidal silica abrasives.