Title of the Invention

A Glass-ceramic Substrate for a Magnetic Information Storage Medium

Abstract of the Disclosure

A glass-ceramic substrate for a magnetic information storage medium such as a magnetic disk having a super flatness suited for a contact recording system includes a SiO_2 - Al_2O_3 - Li_2O system glass-ceramic and has either β-quartz solid solution (β-SiO_2 solid solution) or a mixture of β-quartz solid solution (β-SiO_2 solid solution) and β-spodumene solid solution (β-$Li_2O \cdot Al_2O_3 \cdot 4SiO_2$ solid solution) as its main crystal phase. The surface roughness (Ra) of the glass-ceramic substrate after polishing is within a range from 1 Å to 5 Å.