

- 22 -

PROCESS FOR MANUFACTURING A CRYSTALLIZED
GLASS SUBSTRATE FOR MAGNETIC DISCS

Abstract of the Disclosure

This invention relates to a process for producing a crystallized glass substrate for magnetic disks, including the steps of: (a) holding an amorphous glass plate having a uniform thickness and two principal flat surfaces thereof between a pair of pressing setters in a sandwiched fashion, which pressing setters are non-reactive with the amorphous glass and undeformable during heating for crystallization of the amorphous glass; (b) softening the amorphous glass plate in a sandwiched stack form by heating at a temperature above an annealing point of the amorphous glass, whereby the principal surfaces are fitted onto the flat surfaces of the pressing setters to rectify warping to flatten the amorphous glass plate; and (c) then, increasing the temperature to a crystal growth temperature to grow crystals within the amorphous glass, whereby the amorphous glass plate is crystallized as maintaining its warp-free state, followed by solidifying.

This Sheet Has Been Replaced

