

PATENT

GLASS SUBSTRATE WITH REFRACTION INDEX GRADIENT AND METHOD FOR MAKING SAME

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ABSTRACT

The present invention relates to a glass substrate comprising at least one ion pattern obtained by a treatment for exchanging the alkali metal ions of the glass with silver ions originating from an outside source, said substrate being formed from a glass having a specific composition and said ion pattern having a variation in the refractive index greater than or equal to 0.03, a depth greater than or equal to 100 μm and a light transmission coefficient at 410 nm (TL_{410}) greater than or equal to 60%.