Title (en)

GLASS SUBSTRATE COATED WITH LAYERS HAVING AN IMPROVED MECHANICAL STRENGTH

Title (de)

GLASSUBSTRAT, DAS MIT SCHICHTEN BESCHICHTET IST, DIE EINE VERBESSERTE MECHANISCHE STÄRKE AUFWEISEN

Title (fr)

SUBSTRAT VERRIER REVETU DE COUCHES A TENUE MECANIQUE AMELIOREE

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Application

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Abstract (en)

[origin: WO2008099115A2] The invention relates to a glass transparent substrate associated with a transparent electro-conductive layer that is essentially capable of defining the electrode of a photovoltaic cell and that includes a doped oxide, characterised by the provision, between the glass substrate and the transparent electro-conductive layer, of a mixed layer containing one ore more first nitride(s) or oxinitride(s), or oxide(s) or oxicarbide(s) having good glass adhesion properties, and one or more second nitride(s) or oxinitride(s), or oxide(s) or oxicarbide(s) capable of forming, optionally at the doped state, a transparent electro-conductive layer. The invention also relates to a method for making this substrate, to a photovoltaic cell, to a tempered and/or curved glass, to a shaped heating glass, to a plasma screen and to a planar lamp electrode including said substrate.

IPC 8 full level

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