

Title (en)

GLASS SUBSTRATE COATED WITH LAYERS HAVING IMPROVED MECHANICAL STRENGTH

Title (de)

GLASSUBSTRAT MIT MEHRLAGIGER BESCHICHTUNG MIT VERBESSERTER MECHANISCHER FESTIGKEIT

Title (fr)

SUBSTRAT VERRIER REVETU DE COUCHES A TENUE MECANIQUE AMELIOREE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011101572A1] The invention relates to a transparent glass substrate associated with a transparent electroconductive layer that can form an electrode of a photovoltaic module and consists of a doped oxide, characterised by the insertion, between the glass substrate and the transparent electroconductive layer, of a layer of at least one first nitride or oxynitride, or oxide or oxycarbide, having good properties of adhesion to glass, then a mixed layer of at least one second nitride or oxynitride, or oxide or oxycarbide, having good properties of adhesion to glass, and at least one third nitride or oxynitride, or oxide or oxynitride, that can form, optionally in the doped state, a transparent electroconductive layer. The invention also relates to the method for producing such a substrate, to a photovoltaic module, to a shaped heating glass, to a plasma screen, to a flat lamp electrode, and to a low-emissive glass comprising such a substrate.

IPC 8 full level

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Citation (search report)

See references of WO 2011101572A1

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