

Title (en)
PHOTOVOLTAIC CELL AND SUBSTRATE FOR PHOTOVOLTAIC CELL

Title (de)
PHOTOVOLTAIKZELLE UND SUBSTRAT FÜR EINE PHOTOVOLTAIKZELLE

Title (fr)
CELLULE PHOTOVOLTAIQUE ET SUBSTRAT DE CELLULE PHOTOVOLTAIQUE

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Abstract (en)
[origin: WO2009103929A2] The invention relates to a photovoltaic cell (1) including an absorbent photovoltaic material, in particular a cadmium-based one, wherein said cell includes a front-surface substrate (10), in particular a transparent glass substrate that comprises, on a main surface, a transparent electrode coating (100) that comprises a stack of thin layers including at least one functional metal layer (40), in particular a silver-based one, and at least two antireflection coatings (20, 60), said antireflection coatings each including at least one antireflection layer (24, 26; 66, 68), the functional layer (40) being provided between the two antireflection coatings (20, 60), characterised in that the antireflection coating (60) provided above the functional metal layer (40) opposite the substrate includes at least two antireflection layers (66, 68), wherein the antireflection layer (68) being the farthest from the functional metal layer (40) is more resistive than the antireflection layer (66) being the closest to the functional metal layer (40).

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