

Title (en)
SUBSTRATE PROVIDED WITH A STACK HAVING THERMAL PROPERTIES, COMPRISING AT LEAST ONE NICKEL OXIDE LAYER

Title (de)
SUBSTRAT MIT EINEM STAPEL MIT THERMISCHEN EIGENSCHAFTEN MIT MINDESTENS EINER NICKELOXIDSCHICHT

Title (fr)
SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES COMPORTANT AU MOINS UNE COUCHE EN OXYDE DE NICKEL

Publication
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Application
EP 16819142 A 20161201

Priority

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Abstract (en)
[origin: WO2017093675A1] The invention relates to a transparent substrate (30), the main face of which is provided with a stack of thin layers including at least one, or a single, functional metal layer (140) having reflection properties in the infrared and/or solar radiation ranges, in particular based on silver or metal alloy containing silver, and two anti-reflection coatings (120, 160), each comprising at least one dielectric layer (122, 126; 162, 168). The above-mentioned functional layer (40) is disposed between the two anti-reflection coatings (20, 60). The substrate is characterised in that at least one nickel oxide layer NixO is located below the functional layer (140) in the direction of the substrate (30) and/or above the functional layer (140), with at least one layer or a single layer of a different material being inserted between the nickel oxide layer NixO, or each nickel oxide layer, and the functional layer (140).

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See references of WO 2017093675A1

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