

Title (en)

SUBSTRATE PROVIDED WITH A MULTILAYER STACK HAVING THERMAL PROPERTIES AND ABSORBENT LAYERS

Title (de)

MIT EINEM MEHRSCICHTIGEN STAPEL MIT THERMISCHEN EIGENSCHAFTEN UND ABSORBIERENDEN SCHICHTEN VERSEHENES SUBSTRAT

Title (fr)

SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES ET A COUCHES ABSORBANTES

Publication

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Application

EP 09805780 A 20091222

Priority

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Abstract (en)

[origin: WO2010072974A1] The invention relates to a multiple-glazing panel comprising at least two substrates, one substrate being coated on an inner face in contact with an intermediate gas cavity with a thin-film multilayer stack having reflection properties in the infrared and/or in solar radiation, which multilayer stack has only a single metallic functional layer (140) and two dielectric films (120, 160), said films each comprising at least one dielectric layer (122, 126; 162, 166), said functional layer (140) being placed between the two dielectric films (120, 160), characterized in that the two dielectric films (120, 160) each comprise at least one absorbent layer (123, 165) which is placed in the dielectric film between two dielectric layers (122, 126; 162, 166), the absorbent material of the absorbent layers (123, 165) being placed symmetrically on each side of the metallic functional layer (140).

IPC 8 full level

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