

Title (en)  
HIGH REFLECTION GLASS PANEL

Title (de)  
GLASPLATTE MIT HOHER REFLEXION

Title (fr)  
VITRAGE A REFLEXION ELEVEE

Publication  
**EP 2545012 A1 20130116 (FR)**

Application  
**EP 11708787 A 20110309**

Priority  
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Abstract (en)  
[origin: WO2011110584A1] The invention relates to a glass panel including at least two layers deposited by cathode sputtering, including at least one layer of a metal oxide, suboxide, nitride or oxynitride having a refractive index which is not lower than 2.2 and, stacked directly or indirectly on top of said layer, at least one layer consisting of mixed oxides of titanium and at least one other metal, said mixed oxides having a weight proportion of titanium oxide which is not less than 40% and not greater than 95%, the thickness of the layer in question and that of the other layer(s) having a refractive index greater than 2.2 being selected such that, on a 4-mm thick sheet of clear "float" glass, said layer(s) result(s) in a reflection of at least 15% and a light transmission of at least 60%, the layer or system of layers in question further having a mechanical and/or chemical resistance comparable to those of layers produced by pyrolysis for obtaining products having the same type of optical properties.

IPC 8 full level  
**C03C 17/34** (2006.01)

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Citation (search report)  
See references of WO 2011110584A1

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