

Title (en)

LOW-EMISSION MATERIAL COMPRISING A COATING HAVING A TITANIUM OXIDE BASED OXIDATION GRADIENT

Title (de)

EMISSIONSARMES MATERIAL MIT EINER BESCHICHTUNG MIT EINEM OXIDATIONSGRADIENTEN AUF TITANOXIDBASIS

Title (fr)

MATÉRIAU À FAIBLE ÉMISSION COMPORTANT UN REVÊTEMENT COMPRENANT UN GRADIENT D'OXYDATION À BASE D'OXYDE DE TITANE

Publication

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Application

EP 21749241 A 20210713

Priority

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Abstract (en)

[origin: WO2022013496A1] The invention relates to a material comprising a transparent substrate coated with a stack of layers including at least one silver-based functional metal layer and at least two dielectric coatings, each dielectric coating comprising at least one dielectric layer, so that each functional metal layer is placed between two dielectric coatings, the material being characterised in that the stack includes a coating having a titanium oxide-based oxidation gradient, located above and in contact with a silver-based functional metal layer, the portion of the coating having an oxidation gradient in contact with the functional layer is less oxidized than the portion of that coating further away from the functional layer.

IPC 8 full level

C03C 17/36 (2006.01)

CPC (source: EP)

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See references of WO 2022013496A1

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