

Title (en)

PHOTOCATALYTIC MATERIAL AND GLAZING OR PHOTOVOLTAIC CELL COMPRISING SAID MATERIAL

Title (de)

PHOTOKATALYTISCHES MATERIAL UND VERGLASUNG ODER PHOTOVOLTAIKZELLE MIT DIESEM MATERIAL

Title (fr)

MATERIAU PHOTOCATALYTIQUE ET VITRAGE OU CELLULE PHOTOVOLTAIQUE COMPRENANT CE MATERIAU

Publication

EP 2755927 A1 20140723 (FR)

Application

EP 12773023 A 20120912

Priority

- FR 1158120 A 20110913
- FR 2012052035 W 20120912

Abstract (en)

[origin: WO2013038104A1] The subject matter of the invention is a material comprising a glass or vitroceraic sheet, of which at least part of one of the faces is furnished with a photocatalytic coating with titanium oxide base deposited on a silica-based substrate that is deposited by combustion chemical vapour deposition, having roughness Ra of between 4 and 30 nm including the limits thereof.

IPC 8 full level

C03C 17/245 (2006.01); **B01J 21/06** (2006.01); **B01J 35/00** (2024.01); **B01J 37/02** (2006.01); **B01J 37/34** (2006.01); **C03C 17/34** (2006.01); **C23C 16/40** (2006.01); **C23C 16/453** (2006.01); **C23C 16/46** (2006.01)

CPC (source: EP US)

B01J 21/063 (2013.01 - EP US); **B01J 37/0238** (2013.01 - EP US); **B01J 37/0244** (2013.01 - EP US); **B01J 37/349** (2013.01 - EP US); **C03C 17/3417** (2013.01 - EP US); **C23C 16/0272** (2013.01 - EP US); **C23C 16/405** (2013.01 - EP US); **H01G 9/2031** (2013.01 - US); **C03C 2217/71** (2013.01 - EP US); **C03C 2217/77** (2013.01 - EP US); **C03C 2218/1525** (2013.01 - EP US); **Y02E 10/542** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 2979910 A1 20130315; **FR 2979910 B1 20140103**; CN 103781738 A 20140507; EP 2755927 A1 20140723; JP 2014534143 A 20141218; KR 20140063682 A 20140527; US 2014338749 A1 20141120; WO 2013038104 A1 20130321

DOCDB simple family (application)

FR 1158120 A 20110913; CN 201280044525 A 20120912; EP 12773023 A 20120912; FR 2012052035 W 20120912; JP 2014530293 A 20120912; KR 20147006344 A 20120912; US 201214344558 A 20120912