

Title (en)

SUBSTRATE PROVIDED WITH A STACK HAVING THERMAL PROPERTIES AND AN ABSORBENT LAYER

Title (de)

MIT EINEM STAPEL MIT THERMISCHEN EIGENSCHAFTEN UND EINER ABSORBIERENDEN SCHICHT VERSEHENES SUBSTRAT

Title (fr)

SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES ET A COUCHE ABSORBANTE

Publication

EP 3911613 A1 20211124 (FR)

Application

EP 20708538 A 20200114

Priority

- FR 1900314 A 20190114
- FR 2020050039 W 20200114

Abstract (en)

[origin: CA3125787A1] The invention relates to a substrate which is coated on one of its faces with a stack of thin layers having reflection properties in the infrared and/or in solar radiation, comprising two metallic functional layers, in particular on the basis of silver. Each of the metallic functional layers is disposed between two dielectric coatings. According to the invention, the dielectric coating (Di2) situated between the two functional layers (F) comprises at least one absorbent layer (A) which absorbs solar radiation in the visible part of the spectrum. It has been found that for a stack for laminated glazing, some symmetry at the functional metal layers and the dielectric layers 1 and 3 is favorable. The invention also relates to laminated glazings comprising such a substrate coated on side 2.

IPC 8 full level

C03C 17/36 (2006.01)

CPC (source: EP US)

C03C 17/36 (2013.01 - EP); **C03C 17/3626** (2013.01 - EP); **C03C 17/3639** (2013.01 - EP); **C03C 17/3644** (2013.01 - EP); **C03C 17/366** (2013.01 - EP); **C03C 17/3681** (2013.01 - EP); **G02B 1/10** (2013.01 - US); **G02B 5/226** (2013.01 - US)

Citation (search report)

See references of WO 2020148498A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3091701 A1 20200717; BR 112021013161 A2 20210928; CA 3125787 A1 20200723; CO 2021009393 A2 20210809; EP 3911613 A1 20211124; MX 2021008174 A 20210811; US 2022091302 A1 20220324; WO 2020148498 A1 20200723

DOCDB simple family (application)

FR 1900314 A 20190114; BR 112021013161 A 20200114; CA 3125787 A 20200114; CO 2021009393 A 20210719; EP 20708538 A 20200114; FR 2020050039 W 20200114; MX 2021008174 A 20200114; US 202017420282 A 20200114