

Title (en)

GLASS SHEET COATED WITH A STACK OF THIN LAYERS AND AN ENAMEL LAYER

Title (de)

GLASSSCHEIBE MIT EINER BESCHICHTUNG AUS EINEM DÜNNESCHICHTSTAPEL UND EINER EMAILSCHICHT

Title (fr)

FEUILLE DE VERRE REVETUE D'UN EMPILEMENT DE COUCHES MINCES ET D'UNE COUCHE D'EMAIL

Publication

**EP 4118043 A1 20230118 (FR)**

Application

**EP 21709718 A 20210310**

Priority

- FR 2002502 A 20200313
- EP 2021055964 W 20210310

Abstract (en)

[origin: WO2021180749A1] The invention relates to a material comprising a glass sheet coated on at least a part of one of its faces with a stack of thin layers, said stack being coated on at least part of its surface with an enamel layer that does not comprise bismuth, wherein said enamel layer is coated with an anti-adhesive layer.

IPC 8 full level

**C03C 3/066** (2006.01); **C03C 8/04** (2006.01); **C03C 8/14** (2006.01); **C03C 8/16** (2006.01); **C03C 8/20** (2006.01); **C03C 17/36** (2006.01)

CPC (source: CN EP KR US)

**B32B 7/12** (2013.01 - US); **B32B 17/10036** (2013.01 - US); **B32B 17/10284** (2013.01 - US); **B60J 1/001** (2013.01 - CN KR); **B60J 1/002** (2013.01 - CN); **B60J 1/003** (2013.01 - CN); **B60J 1/02** (2013.01 - CN); **B60J 7/00** (2013.01 - CN KR); **C03C 3/066** (2013.01 - EP); **C03C 8/00** (2013.01 - CN); **C03C 8/04** (2013.01 - EP KR); **C03C 8/14** (2013.01 - EP KR); **C03C 8/16** (2013.01 - EP KR); **C03C 8/20** (2013.01 - EP); **C03C 17/3411** (2013.01 - KR); **C03C 17/3435** (2013.01 - KR); **C03C 17/36** (2013.01 - CN EP); **C03C 17/3626** (2013.01 - CN EP KR); **C03C 17/3636** (2013.01 - CN); **C03C 17/3639** (2013.01 - EP); **C03C 17/3642** (2013.01 - CN EP KR); **C03C 17/3644** (2013.01 - CN EP KR); **C03C 17/3649** (2013.01 - CN KR); **C03C 17/3652** (2013.01 - EP KR); **C03C 17/3655** (2013.01 - CN KR); **C03C 17/366** (2013.01 - EP KR); **C03C 17/3681** (2013.01 - EP KR); **B32B 2255/205** (2013.01 - US); **B32B 2307/202** (2013.01 - US); **B32B 2307/4026** (2013.01 - US); **B32B 2307/41** (2013.01 - US); **B32B 2311/02** (2013.01 - US); **B32B 2311/20** (2013.01 - US); **B32B 2605/00** (2013.01 - US); **C03C 17/3639** (2013.01 - CN); **C03C 17/3657** (2013.01 - CN); **C03C 2218/119** (2013.01 - CN EP); **C03C 2218/154** (2013.01 - CN); **C03C 2218/156** (2013.01 - CN)

Citation (search report)

See references of WO 2021180749A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3108114 A1 20210917**; **FR 3108114 B1 20220722**; BR 112022010007 A2 20220816; CN 113692396 A 20211123; CN 113692396 B 20240130; EP 4118043 A1 20230118; JP 2023516987 A 20230421; KR 20220155569 A 20221123; MX 2022011337 A 20221007; US 2023134399 A1 20230504; WO 2021180749 A1 20210916

DOCDB simple family (application)

**FR 2002502 A 20200313**; BR 112022010007 A 20210310; CN 202180002005 A 20210310; EP 2021055964 W 20210310; EP 21709718 A 20210310; JP 2022552508 A 20210310; KR 20227030702 A 20210310; MX 2022011337 A 20210310; US 202117911075 A 20210310