

Title (en)

METHOD FOR OBTAINING CURVED LAMINATED GLAZING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER GEKRÜMMTEN LAMINIERTEN VERGLASUNG

Title (fr)

PROCÉDÉ D'OBTENTION D'UN VITRAGE BOMBÉ FEUILLETÉ

Publication

EP 4277790 A1 20231122 (FR)

Application

EP 22702296 A 20220111

Priority

- FR 2100275 A 20210113
- FR 2100402 A 20210115
- FR 2101384 A 20210212
- FR 2022050054 W 20220111

Abstract (en)

[origin: WO2022153001A1] The invention relates to a method for obtaining curved laminated glazing, comprising: (a) supplying a first glass sheet (10), at least part of one of the faces of said sheet being coated with a thin-film stack (12); and, subsequently, (b) depositing an enamel layer (14) on part of the surface of the thin-film stack (12), by screen printing an enamel composition comprising refractory particles having a diameter of at least 20 µm in a volume proportion of at least 0.5%, but no particles having a diameter of greater than 80 µm. The thin-film stack (12) located under the enamel layer (14) is then completely dissolved by the enamel layer (14) at least at the end of the curving step (c). After lamination (d) with an additional glass sheet (20), the enamel layer (14) faces a lamination interlayer (30).

IPC 8 full level

B32B 17/10 (2006.01); **C03B 40/033** (2006.01); **C03C 8/12** (2006.01); **C03C 8/14** (2006.01); **C03C 8/20** (2006.01); **C03C 17/00** (2006.01);
C03C 17/34 (2006.01); **C03C 17/36** (2006.01); **C03C 27/06** (2006.01); **C03C 27/10** (2006.01)

CPC (source: EP KR US)

B32B 1/00 (2013.01 - EP); **B32B 3/02** (2013.01 - EP); **B32B 7/12** (2013.01 - EP); **B32B 17/061** (2013.01 - US); **B32B 17/10018** (2013.01 - EP);
B32B 17/10036 (2013.01 - EP KR US); **B32B 17/1011** (2013.01 - EP); **B32B 17/10119** (2013.01 - EP); **B32B 17/10137** (2013.01 - EP KR);
B32B 17/10174 (2013.01 - EP KR); **B32B 17/10201** (2013.01 - EP); **B32B 17/10211** (2013.01 - EP KR); **B32B 17/1022** (2013.01 - EP KR);
B32B 17/10229 (2013.01 - EP); **B32B 17/10266** (2013.01 - EP KR); **B32B 17/10302** (2013.01 - EP); **B32B 17/10339** (2013.01 - US);
B32B 17/10348 (2013.01 - EP); **B32B 17/10568** (2013.01 - EP); **B32B 17/10761** (2013.01 - EP); **B32B 17/10807** (2013.01 - EP KR);
B32B 17/10834 (2013.01 - EP); **B32B 17/10889** (2013.01 - EP US); **B32B 17/10935** (2013.01 - EP); **B32B 17/10981** (2013.01 - US);
B32B 27/08 (2013.01 - EP); **B32B 27/30** (2013.01 - EP); **B32B 27/36** (2013.01 - EP); **B32B 38/0036** (2013.01 - US); **C03B 23/023** (2013.01 - KR);
C03B 23/025 (2013.01 - EP); **C03B 40/033** (2013.01 - EP); **C03C 8/12** (2013.01 - EP); **C03C 8/14** (2013.01 - EP); **C03C 8/20** (2013.01 - EP KR);
C03C 17/3411 (2013.01 - EP); **C03C 17/36** (2013.01 - EP); **C03C 17/3644** (2013.01 - EP KR); **C03C 17/366** (2013.01 - EP KR);
C03C 17/3673 (2013.01 - EP KR); **C03C 17/3681** (2013.01 - EP KR); **C03C 21/00** (2013.01 - KR); **C03C 27/06** (2013.01 - EP KR);
C03C 27/10 (2013.01 - EP); **B32B 2250/03** (2013.01 - US); **B32B 2255/10** (2013.01 - EP); **B32B 2255/20** (2013.01 - EP US);
B32B 2255/205 (2013.01 - EP); **B32B 2255/28** (2013.01 - EP); **B32B 2264/1021** (2020.08 - US); **B32B 2264/1024** (2020.08 - EP US);
B32B 2264/202 (2020.08 - EP); **B32B 2264/303** (2020.08 - EP US); **B32B 2307/102** (2013.01 - EP); **B32B 2307/202** (2013.01 - EP US);
B32B 2307/204 (2013.01 - EP); **B32B 2307/4023** (2013.01 - EP); **B32B 2307/41** (2013.01 - EP US); **B32B 2307/412** (2013.01 - EP);
B32B 2307/416 (2013.01 - EP); **B32B 2307/418** (2013.01 - EP); **B32B 2307/7376** (2023.05 - US); **B32B 2605/006** (2013.01 - US);
B32B 2605/08 (2013.01 - EP KR); **C03C 2217/452** (2013.01 - EP); **C03C 2217/46** (2013.01 - EP); **C03C 2217/475** (2013.01 - EP);
C03C 2217/485 (2013.01 - EP); **C03C 2217/94** (2013.01 - EP); **C03C 2217/944** (2013.01 - EP); **C03C 2218/355** (2013.01 - EP)

C-Set (source: EP)

B32B 17/10005 + B32B 2367/00

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)

WO 2022153001 A1 20220721; CN 115087544 A 20220920; EP 4277790 A1 20231122; JP 2024502628 A 20240122;
KR 20230132771 A 20230918; US 2024059048 A1 20240222

DOCDB simple family (application)

FR 2022050054 W 20220111; CN 202280002174 A 20220111; EP 22702296 A 20220111; JP 2023542475 A 20220111;
KR 20237022016 A 20220111; US 202218261202 A 20220111