

Title (en)

DEVICE AND METHOD FOR FORMING A GLASS SHEET

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER GLASSCHEIBE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FORMAGE D'UNE FEUILLE DE VERRE

Publication

EP 4308510 A1 20240124 (FR)

Application

EP 22713979 A 20220311

Priority

- FR 2102519 A 20210315
- FR 2022050441 W 20220311

Abstract (en)

[origin: WO2022195204A1] The present invention relates to a bending station (4) for a bending device comprising two bending forms, a pressing frame (5) arranged to fit the glass sheet and press it against an upper form, the upper form (6) comprising a forming face in which the area defined by the projection of the contour of the upper form on a horizontal plane is greater than the area defined by the projection of the outer contour of the pressing frame and the glass sheet on the same horizontal plane, the pressing frame (5) comprising a pressing ring (50) having a continuous surface, the upper form comprising a flexible sheet (60) associated with an upper series of translation elements (70), characterised in that the upper form is capable of deforming under the effect of the translation elements of the upper series to obtain a bend value varying by at least 5 mm.

IPC 8 full level

C03B 23/03 (2006.01); **C03B 40/00** (2006.01)

CPC (source: EP KR US)

B32B 1/00 (2013.01 - US); **B32B 17/10036** (2013.01 - US); **B32B 17/10816** (2013.01 - US); **B32B 17/10935** (2013.01 - US);
C03B 23/03 (2013.01 - EP KR); **C03B 23/0302** (2013.01 - US); **C03B 23/0357** (2013.01 - US); **C03B 40/005** (2013.01 - EP KR US);
B32B 2250/40 (2013.01 - US); **B32B 2315/08** (2013.01 - US)

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 3120624 A1 20220916; CN 115348953 A 20221115; EP 4308510 A1 20240124; KR 20230157998 A 20231117; MX 2023010472 A 20230915;
US 2024158278 A1 20240516; WO 2022195204 A1 20220922

DOCDB simple family (application)

FR 2102519 A 20210315; CN 202280002752 A 20220311; EP 22713979 A 20220311; FR 2022050441 W 20220311;
KR 20237033944 A 20220311; MX 2023010472 A 20220311; US 202218550812 A 20220311