

Title (en)

BENDING METHOD AND THERMAL TEMPERING SUPPORT

Title (de)

BIEGEVERFAHREN UND TRÄGER FÜR THERMISCHES VORSPANNEN

Title (fr)

PROCEDE DE BOMBAGE ET SUPPORT DE TREMPE THERMIQUE

Publication

**EP 2627612 A1 20130821 (FR)**

Application

**EP 11785718 A 20111014**

Priority

- FR 1058422 A 20101015
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Abstract (en)

[origin: WO2012049433A1] The invention relates to a method for producing a tempered, bent sheet of glass, comprising bending a flat sheet of glass by pressing it against a solid bending mould, following by tempering the sheet of glass on a tempering support comprising a frame and at least one additional support connected to two points on the frame, the right-hand segment connecting said two points of the frame, passing through the inside of the frame. The invention also relates to a support for the thermal tempering of a sheet of glass, comprising a frame and at least one additional support connected to two points on the frame, the right-hand segment connecting said two points of the frame, passing through the inside of the frame, characterised in that the additional support comprises a contact surface for the sheet of glass, and a structural part that is more rigid than the contact surface and arranged beneath the contact surface, the position of the contact surface being adjustable by pressing on the structural part. The invention enables the bending of sheets of glass with a high level of precision, especially for the production of solar mirrors.

IPC 8 full level

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Citation (search report)

See references of WO 2012049433A1

Citation (examination)

- WO 2010029940 A1 20100318 - ASAHI GLASS CO LTD [JP], et al
- WO 0206170 A1 20020124 - SAINT GOBAIN [FR], et al

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