

Title (en)

GRAVITY-BENDING GLASS IN THE PRESENCE OF A RADIATIVE COUNTER-FRAME

Title (de)

SCHWERKRAFTBIEGEN VON GLAS IN GEGENWART EINES STRAHLUNGSGEGENRAHMENS

Title (fr)

BOMBAGE DE VERRE PAR GRAVITE EN PRESENCE D'UN CONTRE-SQUELETTE RADIATIF

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Application

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Abstract (en)

[origin: WO2019077278A1] The invention relates to a device and a method for gravity-bending a glass sheet or stack of glass sheets, referred to as the glass, involving gravity-bending the glass on a frame that comprises a contact track for bearing the glass in the peripheral zone of its lower main face, said contact track having concave curvatures at each of the sides of said frame, and a counter-frame that comprises a metal bar which, as bending takes place, is at a distance d from the edge or from the peripheral zone of the upper main face of the glass, wherein said peripheral zone of a main face is the zone between the glass rim and a distance of 50 mm from the glass rim of the main face in question, and d is in the range from 0.1 to 50 mm. The invention is particularly useful for bending thin glass and for reducing the ripples that tend to form towards the middle of the sides.

IPC 8 full level

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