

Title (en)  
METHOD AND DEVICE FOR BENDING PANES

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM BIEGEN VON SCHEIBEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF POUR CINTRER DES VITRES

Publication  
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Application  
**EP 18732355 A 20180622**

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Abstract (en)  
[origin: WO2019025079A1] The invention relates to a method for bending panes, comprising the following steps: providing a pane heated to a bending temperature; securing the pane to a contact surface of a first bending mould; pressing the pane between the first bending mould and a press frame, wherein the contact surface has an outer surface section that is suitable for a final bending of the edges in an edge region of the pane, wherein the press frame has a press surface that is complementary to the outer surface section of the first bending mould; transporting the pane on the press frame to a second bending mould, wherein a pre-bending of the surface occurs in an inner region of the pane surrounded by the edge region by means of gravity during transportation; pressing the pane between the second bending mould and the press frame, wherein the second bending mould has a contact surface with an outer surface section that is suitable for a final bending of the edges in the edge region of the pane, wherein the press surface of the press frame is complementary to the outer surface section of the second bending mould; securing the pane on the contact surface of the second bending mould, wherein a pre-bending of the surface occurs in the inner region of the pane; transporting the pane on a tempering frame to a cooling device for tempering the pane, wherein a final bending of the surface occurs in the inner region of the pane by means of gravity during transportation.

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