

Title (en)
METHOD FOR POSITIONING SHEETS OF GLASS IN A VERTICAL ASSEMBLY AND PRESS DEVICE FOR INSULATING GLASS PANES

Title (de)
VERFAHREN ZUM POSITIONIEREN VON GLASTAFELN IN EINER VERTIKALEN ZUSAMMENBAU- UND PRESSVORRICHTUNG FÜR ISOLIERGLASSCHEIBEN

Title (fr)
PROCEDE DE POSITIONNEMENT DE PLAQUES DE VERRE DANS UN DISPOSITIF VERTICAL D'ASSEMBLAGE ET DE COMPRESSION DE VITRES EN VERRE ISOLANT

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Abstract (en)
[origin: WO2005080734A2] The invention relates to a method and a device for positioning pairs of opposing glass sheets (24, 25) in a vertical assembly and press device for insulating glass panes, said device forming part of a production line for said panes. To produce a pane of this type, a first glass sheet (24) and a second glass sheet (25) that comprises a spacer (27) are fed to the assembly and press device in a vertical position on a horizontal conveyor, supported against an inclined first support unit (1, 31). Said assembly and press device comprises a sub-assembly of two press plates (1a, 2a), which can be transferred from a first position, in which they are inclined in opposite directions, into a second position, in which they are parallel, by means of the following steps: (a) transport of the first glass sheet (24) that is supported against the first support unit (1, 31) on a first section (20) of the horizontal conveyor until it reaches a predetermined position, in which it is immobilised; (b) the first glass sheet (24) is displaced transversally to the transport direction of the horizontal conveyor into a position lying opposite the first position, in which it is supported vertically on the horizontal conveyor against a second support unit (2, 32), which is inclined in the opposite direction to that of the first support unit (1, 31); (c) transport of the second glass sheet (25) that is supported against the first support unit (1, 31) into the first position; (d) simultaneous transport of the first and second sheets (24, 25), supported against their respective support unit (1, 2, 31, 32), on a second section (30) of the horizontal conveyor, which can be driven independently of the first section (20) of the horizontal conveyor, into a predetermined second position; (e) steps (a) to (d) are repeated at least once for glass sheets that are designed for the assembly of at least one additional insulating glass pane; (f) simultaneous transport of the pair of glass sheets (24, 25) on the second section (30) of the horizontal conveyor into the open assembly and press device, which comprises a third section (40) of the horizontal conveyor, said section being driven independently of the second section (30) of the horizontal conveyor; (g) immobilisation of the pair of glass sheets (24, 25) in the assembly and press device.

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