

Title (en)

METHOD AND DEVICE FOR ASSEMBLING INSULATING GLASS PANELS AND ISULATING GLASS PANEL PRODUCED IN THIS WAY

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ZUSAMMENBAUEN VON ISOLIERGLASSCHEIBEN SOWIE DADURCH HERGESTELLTE ISOLIERGLASSCHEIBE

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ASSEMBLAGE DE PANNEAUX DE VERRE ISOLANTS ET VITRAGE ISOLANT AINSI PRODUIT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021043569A1] The invention relates to a method and device (1) for assembling an insulating glass panel (2) with at least two glass sheets (3, 4) spaced apart from one another by a TPS spacer (7), comprising: a primer station (40) which is designed for the strip-like application of a primer (13; 14) on a vertical glass sheet (3; 4) along the edge thereof and which has a horizontal conveyor (42); a TPS station (50), arranged downstream of the primer station (40), which is designed for applying a paste-like TPS string (5; 6), that subsequently solidifies, to a vertical glass sheet (3; 4) along the edge thereof and which has a horizontal conveyor (52); a rotation station (70), arranged downstream of the TPS station (50), which has at least one horizontal conveyor (72; 74) that can be rotated about a vertical axis of rotation (76), and which is designed for rotating the glass sheets (3, 4) standing on same; a pressing station (90), arranged downstream of the rotation station (70), which is designed for joining the glass sheets and which has two horizontal conveyors (92, 94) running parallel to one another; and a controller (100) which is designed to direct two glass sheets (3, 4) that are supplied to the rotation station one after another into the pressing station (90) by rotating one of the glass sheets (3, 4) and to join same in said pressing station to form the insulating glass panel (2), wherein one of the two glass sheets (4) is provided with a primer strip and a TPS string arranged thereon and the other glass sheet (3) is provided with a primer strip (13).

IPC 8 full level

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Citation (search report)

See references of WO 2021043569A1

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