

Title (en)

Method and device for providing perforations on spacers for insulated glass panes

Title (de)

Verfahren und Vorrichtung zum Anbringen von Perforationen an Abstandhaltern von Isolierglasscheiben sowie Abstandhalterraahmen

Title (fr)

Méthode et dispositif pour établir des perforations aux écarteurs pour panneaux isolants

Publication

EP 0410161 B2 19960807 (DE)

Application

EP 90112557 A 19900702

Priority

DE 3924872 A 19890727

Abstract (en)

[origin: EP0410161A1] To provide perforations on the webs (4) of spacer frames (1) formed from hollow sections (2), the said webs facing the pane interspace (5) of an insulated glazing unit, the region of perforation is first of all deep drawn in the direction of the inside of the section (2) and a hole is then punched in the deepest point of the deformation (7a) thereby obtained. This deep-drawn region is then rolled in such a way that the depth of this deep drawing is somewhat reduced and the perforation (6a) is thereby pressed to in a dust-tight manner. This can be achieved in a simple manner with a roll (9) having a circumferential groove (10), giving rise overall to a spacer frame (1) which has pressed-to openings (6) at the deepest - or highest - point of knob-shaped depressions (7) on its webs (4) facing the pane interspace (5), with the result that pulverised or crushed desiccant dust is prevented from falling out not only by the reduction in the cross-section of the openings (6) when pressed to, but also by their raised position relative to the upper horizontal web (4) of the hollow section (2). <IMAGE>

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