

Title (en)
GLASS PANE

Publication
EP 0233821 B1 19890705 (FR)

Application
EP 87400273 A 19870205

Priority
FR 8602282 A 19860214

Abstract (en)
[origin: EP0233821A1] 1. Glass panel (1) constituted by at least two glass panes (2, 3) substantially centred one upon the other and disposed parallel to and at a certain distance from one another, the spacing between these glass panes (2, 3) being demarcated by a joint (4) which hermetically seals the volume (5) which they define, one (2) of these glass panes (2, 3), referred to as the "dorsal" one, having in at least one direction perpendicular to two of its parallel edges (6) a dimension which is less than that of the opposite glass pane, referred to as the "frontal" one (3), these glass panes furthermore comprising two surfaces which face one another and which are referred to as the "internal" surfaces (6, 7) and two opposite surfaces referred to as the "external" surfaces (9, 10), which panel has, arranged in combination along each of the edges (6) of the dorsal glass pane (2) which are recessed-back in relation to those (11) of the frontal glass pane (3) : - on the one hand, at least one flange (12) which has two surfaces (13, 14) which are substantially parallel and are turned towards the glass panes and are not in contact with one another and which have a given spacing (D), such that each of said surfaces (13, 14) provides, for the flange (12), a support zone, one zone (13) being on the external surface (9) of the dorsal glass pane (2), and the other zone (14) being on the internal surface (8) of the frontal glass pane (3), the said support flange (12) preferably consisting of a section (21) which extends substantially over the entire longitudinal dimension of the edge (6) of the dorsal glass pane (2) along which it is situated, and - on the other hand, at least one detachable mechanical connecting element (15) between the said flange (12) and the frontal glass pane (3), this glass panel being characterized in that each mechanical connecting element (15) consists of a tubular member (15) which is substantially cylindrical and whose body (16) has a height (H) which is at least substantially equal to the spacing (D) between the internal and external surfaces, respectively, of the frontal (3) and dorsal (2) glass panes, this tubular member having : - on the one hand, its base (17) which is at least indirectly in contact with the frontal glass pane (3) and which has at least one means for anchorage (18) to this glass pane (3), and - on the other hand, its top (19) which is substantially situated in the plane of the external surface (9) of the dorsal glass pane and which is provided with at least one anchorage means (20) for the flange, arranged supportingly on this external surface (9).

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IPC 8 full level
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