

Title (en)  
Spacing element.

Title (de)  
Abstandhalter.

Title (fr)  
Elément d'espacement.

Publication  
**EP 0601488 A2 19940615 (DE)**

Application  
**EP 93119466 A 19931202**

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Abstract (en)  
The invention relates to a spacer (11) in the form of a plastic hollow profile (12) for insulation-glass windows (1) or the like, having at least one insert (21) which prevents the diffusion of water vapour and is embedded in the side walls (15, 17) directed towards the glass panes (2, 3) and in the outer wall (14) of the hollow profile. In the case of said spacer, a further insert (22) is also embedded in the inner wall (16) directed towards the interior (4) of the insulation-glass window (1). This configuration makes it possible for the stresses occurring within the hollow profile (12) to be absorbed and its wall (16) directed towards the interior of the insulation-glass window (1) to be stabilised and consolidated, with the result that it cannot be deformed. Moreover, a gas exchange between the atmosphere and the interior (4) is prevented. <IMAGE>

Abstract (de)  
Bei einem Abstandhalter (11) in Form eines Hohlprofils (12) aus Kunststoff für Isolierglasfenster (1) od.dgl. mit mindestens einer wasserdampfdiffusionshemmenden Einlage (21), die in den den Glasscheiben (2, 3) zugekehrten Seitenwänden (15, 17) sowie in der Außenwand (14) des Hohlprofils eingebettet ist, ist auch in der dem Innenraum (4) des Isolierglasfensters (1) zugekehrten Innenwand (16) eine weitere Einlage (22) eingebettet. Durch diese Ausgestaltung wird erreicht, daß die innerhalb des Hohlprofils (12) auftretenden Spannungen aufgefangen und dessen dem Innenraum des Isolierglasfensters (1) zugekehrte Wand (16) stabilisiert und gefestigt wird, so daß diese sich nicht verformen kann. Außerdem wird ein Gasaustausch zwischen der Atmosphäre und dem Innenraum (4) verhindert. <IMAGE>

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