

Title (en)

A PLASTIC SPACER COMPRISING A LAYER WITH OVERLAPPING SEGMENTS OF A SUBSTANTIALLY GAS-IMPERMEABLE MATERIAL

Title (de)

PLASTISCHER ABSTANDHALTER MIT EINER SCHICHT MIT ÜBERLAPPENDEN SEGMENTEN EINES IM WESENTLICHEN GASUNDURCHLÄSSIGEN MATERIALS

Title (fr)

ÉLÉMENT D'ÉCARTEMENT EN PLASTIQUE COMPRENANT UNE COUCHE AVEC CHEVAUCHEMENT DES SEGMENTS D'UN MATÉRIAU SENSIBLEMENT IMPERMÉABLE AUX GAZ

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Priority

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Abstract (en)

[origin: EP3009590A1] The present invention relates to a spacer for creating a spacing between glass panes, wherein said spacer is made of a plastic material. The spacer is elongated and comprises two side surfaces as well as a top surface and a bottom surface with a layer having gas-impermeable characteristics, wherein this layer comprises multiple overlapping segments of a substantially gas-impermeable material. Further, the present invention relates to a method of manufacturing such a spacer and a window comprising glass panes being mutually spaced by such a spacer. By letting the segments overlap, it is ensured that gas-impermeability of the spacer is significantly increased. Further, the overlapping of segments results in that a spacer with such a layer can be bent without compromising the gas-impermeability. When bending a spacer in corners to correspond to the shape of a glass pane, then the segments in the layer will still overlap, whereby gas-impermeability is maintained in the corners. Further, the overlapping ensures that a foil with such overlapping segments can be mounted across corners without comprising gas impermeability.

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