

Title (en)
Window frame of plastic material

Title (de)
Rahmen für Fenster aus Kunststoff

Title (fr)
Cadre de fenêtre en matière plastique

Publication
EP 0576867 B1 19971119 (DE)

Application
EP 93109082 A 19930605

Priority
DE 4221554 A 19920701

Abstract (en)
[origin: EP0576867A2] The invention relates to a frame for windows made of plastic material, having frame profiles designed as hollow profiles. Said frame profiles are connected to one another in the corner regions in a mechanical manner or by welding. In the resulting frames there are introduced at least two glass panes which enclose an interspace with an air cushion. On each frame profile there are integrally formed inwardly and outwardly angled pane-receiving webs which, when the frame is in its interconnected state, form a peripheral, narrow bearing surface for the pane borders. The pane borders themselves are connected to said bearing surface in a manner sealed with respect to diffusion. In order to compensate pressure fluctuations occurring between the panes, pressure-compensating elements are arranged in or on the profile walls directed towards the interspace.

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IPC 8 full level
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E06B 3/24 (2013.01 - EP KR); **E06B 3/308** (2013.01 - EP KR)

Cited by
DE19821518A1; FR2784710A1; FR2784708A1; EP0953720A1; FR2778203A1; FR2784709A1; ES2219136A1; EP0957227A1; WO0210542A1; WO0022273A1

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