

Title (en)

System of aluminium framed door/window panels

Title (de)

System aus Tür- oder Fensterflügeln mit Aluminiumrahmen

Title (fr)

Système d'ouvrant de porte ou de fenêtre avec cadre en aluminium

Publication

EP 1619343 A3 20060920 (EN)

Application

EP 05386009 A 20050510

Priority

GR 20040100174 A 20040510

Abstract (en)

[origin: EP1619343A2] A system of aluminium framed door and window panels for buildings characterized by a perimetrical locking capacity, a novel configuration of reinforcing angular members (15, 15') employed in clamping together two sides of the frame or wing sides and provisions for air tightness and heat and sound proof capacity of the panels. The system is provided in either a compact version or a heat insulation enhanced version being obtained by division of the frame profile member (1) and of the wing profile member (2) in two parts being interconnected by means of a polyamide profile member (32a,32b). The wing profile member (2) comprises a channel (4) with dimensions sufficient for the reception of sequentially engaged linear rod members (21) and angular rod members (22) being provided with a plurality of locking pins (24) with a mushroom configuration engaged within corresponding receiving members (23) mounted at the frame profile member (1).

IPC 8 full level

E06B 3/00 (2006.01); **E05C 9/20** (2006.01); **E05F 7/08** (2006.01); **E06B 3/96** (2006.01); **E06B 5/11** (2006.01); **E06B 7/22** (2006.01)

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E05C 9/063 (2013.01); **E05C 9/24** (2013.01); **E06B 3/00** (2013.01); **E06B 3/96** (2013.01); **E06B 5/11** (2013.01); **E06B 7/22** (2013.01)

Citation (search report)

- [A] EP 1408192 A2 20040414 - ALUPLAST GMBH [DE]
- [A] EP 1151885 A1 20011107 - REYNOLDS ALUMINIUM BV [NL]
- [DA] EP 0845566 A2 19980603 - EXACTA FENSTER BAU GMBH [DE]
- [DA] EP 1219768 A2 20020703 - EUROINVEST S R L [IT]

Cited by

CN106121445A; CN106088936A; CN106088932A; CN106088937A; CN106088935A; CN106088933A; DE102008030635A1; PT107117A; CN106088931A; DE102019001692A1; DE102019001692B4; DE202013101148U1; WO2015193692A1; EP2853674A2

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