

Title (en)

CONSTRUCTION OF A WINDOW OR DOOR STRUCTURE AND AN ALUMINIUM COMPOSITE SECTION THEREFOR

Publication

EP 0053998 B1 19840530 (DE)

Application

EP 81810417 A 19811019

Priority

CH 903680 A 19801208

Abstract (en)

[origin: US4432179A] To reduce heat transmission between an inside area (J) and an outside area (A) in an aluminum casement window or door frame construction, the frame is formed of three separate rail elements (6, 7, 8) which are structurally interconnected by glass fiber reinforced polyester strips (9, 10) which are positioned to cooperate with steps (20a, 20b, 20c) formed on a wood window or door frame so that, upon closing the window or door, two air chambers (12, 14) will be formed, separated by an intermediate projecting strip (37) projecting from the intermediate rail (7); additional sealing strips (16) can be provided, the strips being retained between legs (22, 26) formed on the rails and defining grooves therebetween.

IPC 1-7

E06B 3/26; **F16S 3/02**

IPC 8 full level

E06B 1/32 (2006.01); **E06B 3/26** (2006.01); **F16S 3/02** (2006.01); **E06B 3/263** (2006.01)

CPC (source: EP US)

E06B 1/325 (2013.01 - EP US); **E06B 3/26343** (2013.01 - EP US); **E06B 2003/26381** (2013.01 - EP US); **Y10S 49/01** (2013.01 - EP US); **Y10S 49/02** (2013.01 - EP US)

Cited by

US5768836A

Designated contracting state (EPC)

AT DE FR GB SE

DOCDB simple family (publication)

EP 0053998 A1 19820616; **EP 0053998 B1 19840530**; AT E7726 T1 19840615; CH 649809 A5 19850614; DE 3163910 D1 19840705; DE 8131576 U1 19820902; NO 814171 L 19820609; US 4432179 A 19840221

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