

Title (en)

THERMAL INSULATING FRAME FOR SASH WINDOW ASSEMBLIES, OR THE LIKE

Publication

EP 0049147 B1 19860129 (EN)

Application

EP 81304469 A 19810928

Priority

- JP 13849080 U 19800929
- JP 13849280 U 19800929

Abstract (en)

[origin: EP0049147A1] A thermal insulating frame (11) comprises two pairs of interconnected horizontal and vertical pieces (11,12 and 13) each of which consist of an interior member of thermal insulating material (19) and an exterior member of metal (23) joined directly with the interior member (19). The interior members (19) of at least three of the exterior member of metal (23) joined directly with the interior member (19). The interior members (19) of at least three of the frame pieces (11,13) have an identical cross-sectional shape. Surface areas of each interior member (19) which are exposed to the air are coated with a layer (133) of weatherproofing material.

IPC 1-7

E06B 3/26; **E06B 3/30**

IPC 8 full level

E06B 3/263 (2006.01); **E06B 3/30** (2006.01)

CPC (source: EP)

E06B 3/26341 (2013.01); **E06B 3/30** (2013.01); **E06B 3/306** (2013.01)

Cited by

CN107386882A; CN107675999A

Designated contracting state (EPC)

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EP 0049147 A1 19820407; **EP 0049147 B1 19860129**; AU 530143 B2 19830707; AU 7523481 A 19820422; CA 1177698 A 19841113; DE 3173638 D1 19860313; HK 65388 A 19880902; KR 830001829 U 19831024; KR 870001517 Y1 19870420; MY 8700742 A 19871231; PH 23047 A 19890310; SG 64287 G 19871113

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EP 81304469 A 19810928; AU 7523481 A 19810915; CA 386823 A 19810928; DE 3173638 T 19810928; HK 65388 A 19880825; KR 810006607 U 19810925; MY 8700742 A 19871230; PH 26279 A 19810928; SG 64287 A 19870807