

Title (en)

Mounting bracket for connecting a window or door frame to an opening

Title (de)

Montageklammer zur Verbindung eines Fenster- oder Türrahmens mit einer Öffnung

Title (fr)

Support de montage pour relier un encadrement de fenêtre ou de porte à une ouverture

Publication

EP 2096249 A1 20090902 (EN)

Application

EP 08152136 A 20080229

Priority

EP 08152136 A 20080229

Abstract (en)

A mounting bracket (1,20,60,70) suitable for connecting a fixed frame (50a,50b,50c,50d) of a window assembly to an opening in a wall, said fixed frame being of the type with a groove (51) arranged along at least a portion of the outer periphery of the fixed frame, said mounting bracket comprising least a first flange (6) and a second flange (7) which protrude from the bracket, said flanges are arranged one on each side of a first axis (C) which is parallel to an axis which is perpendicular to the plane of the window and one on each side of a first plane (A) which is parallel to the plane of the window and where the first flange (6) is in contact with at least a portion of a first inner side of said groove (51) and the second flange (7) is in contact with at least a portion of a second inner side of said groove (51) which is opposite the first inner side of said groove. Said contact between the flanges and the inner sides of the groove when seen in a cross section taken along a plane which is perpendicular to the longitudinal axis of the groove, forms a path of contact, the angle between the average tangent of the path of contact and the plane of the window assembly being less than 80°, preferably less than 60°, and most preferably being less than 40°.

IPC 8 full level

E06B 1/60 (2006.01)

CPC (source: EP)

E06B 1/6015 (2013.01)

Citation (applicant)

- DK 176245 B1 20070416 - BMF BYGNINGSBESLAG AS [DK]
- DE 6913297 U 19690731 - SCHENNING THEODOR KARL PETER [DE]
- EP 1806469 A2 20070711 - FUCHS DIETRICH ANTON [AT]
- EP 1688577 A2 20060809 - SFS INTEC HOLDING AG [CH]
- GB 2291455 A 19960124 - CARADON DURAFLEX LTD [GB]
- DE 3039484 A1 19820603 - ERICH SCHWARZER FENSTERBAU [DE]

Citation (search report)

- [A] DE 2245156 A1 19740321 - FIAND F GMBH
- [DA] DE 6913297 U 19690731 - SCHENNING THEODOR KARL PETER [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 09154138 A 20090302; AT 09154138 T 20090302; DE 602009000751 T 20090302; DK 09154138 T 20090302; EP 08152136 A 20080229