

Title (en)

A corner joint for tilt-and-turn metal door and window frames

Title (de)

Eckverbindung für Dreh-Kipp-Tür- oder Fensterrahmen aus Metall

Title (fr)

Joint d'angles pour cadres de porte ou fenêtre oscillo-battants en métal

Publication

EP 0736658 A1 19961009 (EN)

Application

EP 96830139 A 19960321

Priority

IT BO950116 A 19950322

Abstract (en)

The corner joint for metal door and window frames in question consists of an external body (4) substantially shaped as a right-angle, having an internal cavity inside which a flexible control strip (8) slides and having, at the lower end which is positioned on an upright, a connecting part or block (2) integral with the said flexible strip (8), having a locking pawl (3) for intermediate locking and a protrusion (9) which allows one side only of the block (2) to be inserted in a guide in the upright; when the door or window is opened and closed, the connecting part or block (2) travels between two limit configurations: open (I) and closed (II); the external body (4) has a projecting section (6) which faces downwards and projects outwards in such a way as to fit over the joint (7) in the closed configuration (II), thus preventing it from flexing or turning. <IMAGE>

IPC 1-7

E05C 9/20; **E05D 15/52**

IPC 8 full level

E05C 9/06 (2006.01)

CPC (source: EP)

E05C 9/066 (2013.01); **E05C 9/24** (2013.01)

Citation (search report)

- [X] DE 3007321 A1 19810903 - SELVE ERNST GMBH CO KG [DE]
- [A] CH 627226 A5 19811231 - FRANK GMBH WILH [DE]
- [A] US 4208838 A 19800624 - KLEINE EWALD [DE], et al

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Designated contracting state (EPC)

DE ES FR GR IT

DOCDB simple family (publication)

EP 0736658 A1 19961009; **EP 0736658 B1 19981125**; DE 69601006 D1 19990107; DE 69601006 T2 19990415; ES 2125707 T3 19990301; IT 1280403 B1 19980120; IT BO950116 A0 19950322; IT BO950116 A1 19960922

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