

Title (en)

COMPOSITE SECTION FOR FRAMES OF WINDOWS, DOORS, FACADE ELEMENTS AND THE LIKE

Title (de)

VERBUNDPROFIL FÜR RAHMEN VON FENSTERN, TÜREN, FASSADENELEMENTEN UND DGL.

Title (fr)

PROFILE COMPOSITE D'ENCADREMENT DE FENETRES, PORTES, ELEMENTS DE FA ADES ET SIMILAIRES

Publication

**EP 0774037 A1 19970521 (DE)**

Application

**EP 95925832 A 19950705**

Priority

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- EP 9502601 W 19950705

Abstract (en)

[origin: US5727356A] PCT No. PCT/EP95/02601 Sec. 371 Date Mar. 18, 1997 Sec. 102(e) Date Mar. 18, 1997 PCT Filed Jul. 5, 1995 PCT Pub. No. WO96/04450 PCT Pub. Date Feb. 15, 1996A composite section for frames of windows, doors, facade elements and the like consists of two metal section parts and at least one plastic insulating web which joins these metal section parts and is held with its ends in corresponding grooves of the metal section parts. The plastic material forming the insulating web is combined with a composite fiber skeleton consisting of heat-resistant fibers. The composite fiber skeleton is anchored in a positively and/or frictionally connected manner in the grooves of the metal section parts so as to also ensure cohesion of the metal section parts when the plastic material of the insulating web degenerates. The composite fiber skeleton is at least one band with thickened edge sections which are anchored in a positively connected manner in the grooves of the metal section parts.

IPC 1-7

**E06B 3/26**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9604450A1

Cited by

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**US 5727356 A 19980317**; AT E171999 T1 19981015; CA 2196199 A1 19960215; DE 4427682 A1 19951005; DE 4427682 C2 19961212; DE 59503870 D1 19981112; DK 0774037 T3 19990621; EP 0774037 A1 19970521; EP 0774037 B1 19981007; ES 2122658 T3 19981216; JP H10503564 A 19980331; WO 9604450 A1 19960215

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