

Title (en)

T-connector for exterior metal parts of insulated frame members for doors, windows or facades

Title (de)

T-Verbinder für eine aus Metall gefertigte Aussenschale eines wärmegeämmten Rahmenprofils für Fenster, Türen oder Fassaden

Title (fr)

Raccord en T pour la partie métallique extérieure de profilés isolés pour portes, fenêtres ou façades

Publication

EP 0748919 A3 19980506 (DE)

Application

EP 96109302 A 19960611

Priority

DE 29509856 U 19950617

Abstract (en)

[origin: EP0748919A2] The connector is for the metal outer skin of a heat-insulated profiled frame member of a window, door or facade. The skin has a C-section groove with edge strips to accommodate a seal, also a stop rib positioning the connector, which has a hook inserted in the groove and engaging behind one of the edge strips. A through-drilling (20) in the connector (11) at right angles to this length-wise axis (21a) accommodates a locking pin (18). This engages in the seal groove (13) and bears against the edge strip (15) on the side furthest from the hook (16). A driving head (19) can be provided on the pin, whose maximum shank length is equal to the distance between the drilling mouth (22) and the groove bottom. Protrusions at intervals on the pin outside surface can bear positively against the drilling inside surface.

IPC 1-7

E06B 3/968; **E06B 3/263**

IPC 8 full level

E06B 3/263 (2006.01); **E06B 3/964** (2006.01); **E06B 3/968** (2006.01)

CPC (source: EP)

E06B 3/9642 (2013.01)

Citation (search report)

- [X] DE 3502714 A1 19860731 - ISKOAL FIRMENGRUPPE FUER FENST [DE]
- [A] DE 2065100 A1 19720713
- [A] EP 0608719 A1 19940803 - SCHMIDLIN AG [CH]
- [A] DE 2057679 B1 19720608 - WIELAND WERKE AG
- [A] DE 2500937 A1 19760715 - UHL KG GEB
- [A] EP 0614018 A2 19940907 - SCHUECO INT KG [DE]
- [A] CH 674044 A5 19900430 - KOLLER METALLBAU AG

Cited by

CN103192245A; CN106862900A; CN103132859A; EP1580343A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0748919 A2 19961218; **EP 0748919 A3 19980506**; **EP 0748919 B1 20040407**; AT E263901 T1 20040415; DE 29509856 U1 19950831; DE 59610965 D1 20040513

DOCDB simple family (application)

EP 96109302 A 19960611; AT 96109302 T 19960611; DE 29509856 U 19950617; DE 59610965 T 19960611