Title (en)

Method of fabricating thermally clad metal section for glazing frames.

Title (de)

Verfahren zur Herstellung eines thermisch isolierten Metallprofils.

Title (fr)

Procédé de fabrication d'un profilé thermiquement isolé pour châssis vitrifiés.

Publication

EP 0046084 A1 19820217 (EN)

Application

EP 81303649 A 19810811

Priority

GB 8026428 A 19800813

Abstract (en)

Thermally clad metal section comprises metal section (10) (for example, of an aluminium alloy) and cladding section (12) (for example, of a PVC plastics material) of relatively low thermal conductivity. The metal section comprises two oppositely and outwardly projecting lips (20, 24) which can be received in two oppositely and inwardly facing channels (38, 40) of the cladding section. To secure the clad section together, a resilient neoprene cord (46) is inserted into one of the channels (38) and one lip (20) is inserted to engage the cord. The other lip is forced against an outer surface (62) of the cladding section to slide over the surface, with compression of the cord (46), and snap home into its channel (40). The cord (46) serves both to retain the lip (24) in its channel (40) and as a seal between the metal and cladding sections.

IPC 1-7

E06B 3/26; F16S 3/02

IPC 8 full level

E06B 3/26 (2006.01); **E06B 3/30** (2006.01); **F16S 3/02** (2006.01)

CPC (source: EP)

E06B 3/305 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)

EP 0046084 A1 19820217; **EP 0046084 B1 19840725**; AT E8688 T1 19840815; DE 3165063 D1 19840830; GB 2081789 A 19820224; GB 2081789 B 19831214

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EP 81303649 A 19810811; AT 81303649 T 19810811; DE 3165063 T 19810811; GB 8124476 A 19810811