

Title (en)
COMPOUND PROFILE

Publication
EP 0100991 B1 19870610 (DE)

Application
EP 83107582 A 19830802

Priority
• DE 3229229 A 19820805
• DE 3229230 A 19820805

Abstract (en)
[origin: US4524112A] A composite profile member includes two metal profile bars and at least one thermally insulating, one-piece insulating bar which engages into a clamping groove of the metal profile bars. The insulating bar is fixed in the respective clamping groove by its hook-shaped groove webs which are pressed against the insulating bar, with corresponding centering means being provided at the insulating bar and in the respective clamping groove to assure dimensional accuracy when the groove webs are pressed on. The centering means in the bottom of the respective clamping groove is a centering groove which has a trapezoidal cross section that widens in the direction toward the insulating bar and the centering means in the parts of the insulating bar which engage in the clamping grooves are members which have a trapezoidal cross section that becomes narrower toward the metal profile bars so as to engage in a centering manner in the respective centering groove. Additionally, in their longitudinal direction, the insulating bar and/or the metal profile bars are provided with at least one strip to which can be fastened an elastic center seal, with the strip stiffening the seal and accurately fixing its position while performing a sealing function.

IPC 1-7
E06B 3/26; **F16S 3/02**

IPC 8 full level
E06B 3/26 (2006.01); **E06B 3/273** (2006.01); **E06B 7/23** (2006.01); **F16S 3/02** (2006.01); **E06B 3/263** (2006.01)

CPC (source: EP US)
E06B 3/273 (2013.01 - EP US); **E06B 7/231** (2013.01 - EP US); **E06B 2003/26352** (2013.01 - EP US); **E06B 2003/26389** (2013.01 - EP US); **Y10S 49/01** (2013.01 - EP US); **Y10T 428/12354** (2015.01 - EP US)

Cited by
EP0775795A1; DE19724404C1; FR2760036A1; GB2358038A; US5768836A; EP0884445A1; WO2011154300A3

Designated contracting state (EPC)
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