

Title (en)

Sealing device for joining two metal profiles

Title (de)

Dichtungsvorrichtung zum Verbinden von zwei Metallprofilen

Title (fr)

Dispositif d'étanchéité pour l'assemblage de deux profilés métalliques

Publication

**EP 0884426 B1 20050323 (FR)**

Application

**EP 98401195 A 19980518**

Priority

FR 9707192 A 19970610

Abstract (en)

[origin: EP0884426A1] The seal element comprises a connecting piece (4) to provide a mechanical coupling between two adjoining extrusions lying at right angles to one another. The connecting piece, fixed by screws to one of the extrusions and engaging with the other one via two parallel thrust faces, has an aperture (16) and a series of distribution channels (19,22) in a Y-shape, through which a given volume of a sealing mastic, e.g. a silicone mastic, can be injected under pressure to seal the joint. The channels end or are open in the joint zones which require sealing, and each of the thrust faces has an additional passage (21) for delivering sealing mastic to the adjoining surfaces of the connecting piece and the second extrusion.

IPC 1-7

**E04B 2/96**; **E06B 3/96**

IPC 8 full level

**E04B 2/96** (2006.01); **E06B 3/96** (2006.01)

CPC (source: EP)

**E04B 2/965** (2013.01); **E06B 3/9616** (2013.01)

Cited by

HRP20030537B1; GB2331542A; GB2331542B; EP0918131A3; US7080488B2; EP3162972A1; WO02055803A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0884426 A1 19981216**; **EP 0884426 B1 20050323**; DE 69829439 D1 20050428; DE 69829439 T2 20060406; ES 2241105 T3 20051016; FR 2764362 A1 19981211; FR 2764362 B1 19990806; PT 884426 E 20050831

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