

Title (en)

Plug connector for hollow spacer frame members in insulating glazing.

Title (de)

Steckverbinder für Abstandshalter-Hohlprofile von Isolierglasscheiben.

Title (fr)

Connecteur enfilaible pour profilés creux d'espacement pour vitrages isolants.

Publication

EP 0468166 B1 19940810 (DE)

Application

EP 91108918 A 19910531

Priority

DE 9010884 U 19900721

Abstract (en)

[origin: EP0468166A1] The plug connector (1) has an essentially U-shaped cross-section with a central web (2) and lateral webs (3) and is in the form of a stamped and bent part made of sheet steel. In the central web (2) the plug connector (1) possesses substantially triangular apertures (8) which are made as wall perforations. On the lateral webs (3) are arranged a number of bent-out retaining lugs (6). They form in the region of the connection point a stop (7) for the pushed-on hollow frame members (5), each of which consist of two directly adjacent and opposing elastic retaining lugs (6). The plug connector (1) can be open or closed at the end faces (12). <IMAGE>

IPC 1-7

E06B 3/66

IPC 8 full level

H01R 13/04 (2006.01); **E06B 3/66** (2006.01); **E06B 3/667** (2006.01); **E06B 3/96** (2006.01); **H01R 13/428** (2006.01)

CPC (source: EP US)

E06B 3/667 (2013.01 - EP US); **Y10T 403/4949** (2015.01 - EP US); **Y10T 403/55** (2015.01 - EP US); **Y10T 403/557** (2015.01 - EP US); **Y10T 403/559** (2015.01 - EP US)

Cited by

DE20304330U1; DE9216955U1; EP2607721A3; EP0651124A1; DE4444888A1; DE9307089U1; DE29909413U1; DE4235397C1; US6038825A; DE9319463U1; US6431784B1; WO9427020A1

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