

Title (en)
PLUG CONNECTOR FOR HOLLOW SECTIONS

Title (de)
STECKVERBINDER FÜR HOHLPROFILE

Title (fr)
CONNECTEUR MALE-FEMELLE POUR PROFILS CREUX

Publication
EP 0698172 B1 19970305 (DE)

Application
EP 94916222 A 19940509

Priority
• DE 9307089 U 19930510
• DE 4335039 A 19931014
• EP 9401491 W 19940509

Abstract (en)
[origin: US5560731A] A plug connector for making a connection joint between an axially aligned pair of hollow spacer profiles of insulating glass panes is configured as an essentially U-shape cross section with a center web and a pair of side webs extending from the center web to define with the center web a cavity in the plug connector. The plug connector is characterized by a bottom plate extending between the side webs for closing the cavity in and only in the region of the connection joint between the spacer profiles. Preferably the bottom plate consists of one or two lobes bent at an angle from the side webs and pointing towards an inner side of the spacer profiles. The plug connector preferably has siccative disposed in the cavity.

IPC 1-7
E06B 3/66

IPC 8 full level
E06B 3/66 (2006.01); **C03C 27/06** (2006.01); **E06B 3/667** (2006.01); **E06B 3/96** (2006.01); **F16B 7/00** (2006.01)

CPC (source: EP US)
E06B 3/667 (2013.01 - EP US); **Y10S 411/913** (2013.01 - EP US); **Y10T 403/55** (2015.01 - EP US); **Y10T 403/559** (2015.01 - EP US)

Cited by
DE202012103904U1; DE202004013686U1; US5379776A; US9797186B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 5560731 A 19961001; AT E149622 T1 19970315; CA 2123154 A1 19941111; CZ 107994 A3 19950118; DE 4335039 A1 19941124; DE 59401960 D1 19970410; DK 0698172 T3 19970324; EP 0698172 A1 19960228; EP 0698172 B1 19970305; FI 942044 A0 19940504; FI 942044 A 19941111; HU 9401429 D0 19940829; HU T68932 A 19950828; JP H07187725 A 19950725; NO 305325 B1 19990510; NO 954523 D0 19951109; NO 954523 L 19951109; RU 2091556 C1 19970927; SK 53694 A3 19950112; WO 9427020 A1 19941124

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US 23883094 A 19940506; AT 94916222 T 19940509; CA 2123154 A 19940509; CZ 107994 A 19940503; DE 4335039 A 19931014; DE 59401960 T 19940509; DK 94916222 T 19940509; EP 9401491 W 19940509; EP 94916222 A 19940509; FI 942044 A 19940504; HU 9401429 A 19940506; JP 12070294 A 19940510; NO 954523 A 19951109; RU 94015596 A 19940506; SK 53694 A 19940509