

Title (en)
PLUG CONNECTOR

Title (de)
STECKVERBINDER

Title (fr)
CONNECTEUR ENFICHABLE

Publication
EP 2027355 A1 20090225 (DE)

Application
EP 07725357 A 20070518

Priority
• EP 2007004449 W 20070518
• DE 202006009491 U 20060614

Abstract (en)
[origin: US8109689B2] The invention relates to a plug connector (1) for hollow profiles (4) in spacer frames for insulated glass panes. The plug connector (1) comprises at least two connector parts (2, 3) which may be plugged together and which have an essentially U-shaped or rectangular cross-section, which, in the plugged position, have adjacent side walls (6,17) and a positive fit (9). One connector part (2) has at least one retainer element (12) on the side walls (6) thereof (12) with a corresponding wall opening (13). In order to form the positive connection (9), the other connector part (3) has a projection (10) with a positive fit engagement in the wall opening (13) of the retainer element (12) when in the plugged position.

IPC 8 full level
E06B 3/667 (2006.01)

CPC (source: EP US)
E06B 3/667 (2013.01 - EP US); **Y10T 403/553** (2015.01 - EP US); **Y10T 403/557** (2015.01 - EP US); **Y10T 403/559** (2015.01 - EP US); **Y10T 403/5761** (2015.01 - EP US); **Y10T 403/61** (2015.01 - EP US)

Cited by
DE202022100100U1; EP4209654A1

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AL BA HR MK RS

DOCDB simple family (publication)
US 2009049774 A1 20090226; **US 8109689 B2 20120207**; AT E542020 T1 20120215; DE 202006009491 U1 20071025; DK 2027355 T3 20120507; EP 2027355 A1 20090225; EP 2027355 B1 20120118; PL 2027355 T3 20120629; WO 2008006417 A1 20080117

DOCDB simple family (application)
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