

Title (en)
PLUG CONNECTOR AND PLUG CONNECTION

Title (de)
STECKVERBINDER UND STECKVERBINDUNG

Title (fr)
CONNECTEUR ET CONNEXION À EMBOÎTEMENT

Publication
EP 3353366 B1 20220413 (DE)

Application
EP 16778215 A 20160915

Priority
• DE 202015105061 U 20150924
• EP 2016071745 W 20160915

Abstract (en)
[origin: WO2017050624A1] The invention relates to a plug connector (1) for plastic hollow profile ends (3, 4) of spacers of an insulating glazing unit and to a plug connection. The plug connector (1) has a bottom (16), with side walls (21) at the edges, and also a centre-locating means (25) and retaining elements (19, 24). On one or both longitudinal edges (17) of the bottom (16) there is arranged a retaining element (19) which is preferably designed as a spring tongue, projects outwardly from the bottom (16) and is interlocked, counter to the pull-out direction, with an axial, strip-like reinforcing element (9) arranged on the corresponding longitudinal edge (8) of a hollow profile bottom (7).

IPC 8 full level
E06B 3/667 (2006.01)

CPC (source: EP)
E06B 3/667 (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 202015105061 U1 20161229; EP 3353366 A1 20180801; EP 3353366 B1 20220413; HU E059365 T2 20221128; PL 3353366 T3 20220718; WO 2017050624 A1 20170330

DOCDB simple family (application)
DE 202015105061 U 20150924; EP 16778215 A 20160915; EP 2016071745 W 20160915; HU E16778215 A 20160915; PL 16778215 T 20160915