

Title (en)
ELECTRICAL CONNECTOR

Title (de)
ELEKTRISCHER STECKVERBINDER

Title (fr)
CONNECTEUR ÉLECTRIQUE

Publication
EP 3487010 A1 20190522 (EN)

Application
EP 17192834 A 20171117

Priority
EP 17192834 A 20171117

Abstract (en)
Electrical connector (10), comprising a connector housing (100) having a first wall (110) arranged perpendicular to a mating axis (X), a second wall (120) extending from the first wall (110) along the mating axis (X) in a mating direction (M), defining a shroud (130), the shroud (130) surrounds, with a first distance (140), a terminal holder portion (150) that surrounds the mating axis (X), whereby the terminal holder portion (150) comprises at least one cavity (160) aligned along the mating axis (X) and adapted to receive an electrical terminal, whereby the terminal holder portion (150) comprises at least one tunnel (170), arranged perpendicular to the mating axis (X), along a bar axis (Y), providing access to the at least one cavity (160), wherein a bar (200) is at least partly inserted in the at least one tunnel (170), wherein the at least one tunnel (170) comprises a first bar locking means and whereby the bar (200) comprises a second bar locking means, whereby the a first bar locking means and the second bar locking means cooperate to lock the bar (200) releasable in a first position (A) or in a second position (B), whereby the shroud (130) comprises an shroud opening (132) surrounding the bar axis (Y), whereby a first end (202) of the bar (200) is hold in the shroud opening (132) when the bar (200) is in the first position (A).

IPC 8 full level
H01R 13/436 (2006.01); **H01R 24/60** (2011.01)

CPC (source: EP)
H01R 13/4362 (2013.01); **H01R 24/60** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)
• [X] US 2003096539 A1 20030522 - ICHIO TOSHIFUMI [JP]
• [X] EP 1239548 A1 20020911 - SUMITOMO WIRING SYSTEMS [JP]
• [X] US 2002127913 A1 20020912 - ICHIO TOSHIFUMI [JP]
• [X] US 2002123257 A1 20020905 - MATSUOKA HIROYUKI [JP]
• [X] KR 20130006956 U 20131204
• [X] DE 102008035535 A1 20090226 - SUMITOMO WIRING SYSTEMS [JP]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3487010 A1 20190522; EP 3487010 B1 20220209

DOCDB simple family (application)
EP 17192834 A 20171117