

Title (en)
Female electric connector and electric connection using such a female connector

Title (de)
Kabelschuh und einen solchen Kabelshuh verwendende elektrische Verbindung

Title (fr)
Connecteur électrique femelle et connexion utilisant ce connecteur électrique femelle

Publication
EP 2308137 B1 20150401 (FR)

Application
EP 08875640 A 20080729

Priority
FR 2008051423 W 20080729

Abstract (en)
[origin: WO2010012872A1] The invention relates to a female electric connector (2) having at least one distal wiring end (C) to be connected to an electric wire and at least one proximal plugging portion (B) including an opening (26) having the general shape of a crown (28) oriented along a central axis (A), said crown (28) being intended for interaction with an appendix (40) of a male electric connector (4) oriented along a central axis (T) in order to enable the electric connection of the two connectors via a plurality of tabs connected to said crown, each tab including a base attached to the crown and a head spaced apart from the crown and contacting said appendix, characterised in that the connector comprises at least one claw-shape retaining tab (20) and at least one pallet-shaped electric connection tab (30), the claw (20) having a base (21) with a width (121) higher than or equal to the width (122) of the head (22) thereof, and the pallet (30) having a base (31) with a width (131) lower than or equal to the width (132) of the head (32) thereof.

IPC 8 full level
H01R 13/11 (2006.01); **H01R 11/28** (2006.01)

CPC (source: EP KR US)
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H01R 13/052 (2013.01 - EP US)

Citation (examination)
• US 5897406 A 19990427 - BENES KEVIN C [US], et al
• US 4056299 A 19771101 - PAIGE WALTER GRIFFIN

Cited by
DE102012102235C5

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

Designated extension state (EPC)
AL BA MK RS

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WO 2010012872 A1 20100204; BR PI0822973 A2 20150623; BR PI0822973 B1 20190306; CN 102165646 A 20110824;
CN 102165646 B 20140716; EA 021335 B1 20150529; EA 201170270 A1 20111031; EP 2308137 A1 20110413; EP 2308137 B1 20150401;
ES 2540735 T3 20150713; JP 2011529616 A 20111208; JP 5349594 B2 20131120; KR 101488401 B1 20150130; KR 20110053951 A 20110524;
MA 32495 B1 20110703; MX 2011000958 A 20110315; PL 2308137 T3 20150831; PT 2308137 E 20150821; US 2011130054 A1 20110602;
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