

Title (en)
FEMALE TERMINAL FOR ELECTRICAL CONNECTIONS

Title (de)
BUCHSE FÜR ELEKTRISCHE VERBINDUNGEN

Title (fr)
BORNE FEMELLE POUR CONNEXIONS ÉLECTRIQUES

Publication
EP 3700019 A1 20200826 (EN)

Application
EP 20152790 A 20200121

Priority
IT 201900002437 A 20190220

Abstract (en)
A female terminal (10) for electrical connections, of the type comprising a crimping portion (11) and a box-like connection body (12), the box-like connection body (12) comprising:- a bottom (13), which defines a lower contact region,- two opposite lateral containment walls (14, 15), which extend from the bottom (13),- a cover (16), which extends from a first one (14) of the lateral walls (14, 15) and defines an upper contact region, the cover (16) comprising a frame (17) with one or more cantilevered elastic contact tabs (18, 19), which are contoured to protrude into the interspace (20) between the bottom (13) and the cover (16), the interspace (20) being designed to contain a male contact,- the cover (16) having a first free edge (40) which is fixed with fixing means (41) to a corresponding second free fixing edge (42) of the second lateral wall (15).The box-like body (12) is substantially symmetrical with respect to its sagittal plane (X).

IPC 8 full level
H01R 13/11 (2006.01); **H01R 4/18** (2006.01)

CPC (source: EP)
H01R 4/184 (2013.01); **H01R 13/113** (2013.01)

Citation (applicant)
• EP 17171344 A 20170516
• IT 201900002437 A 20190220

Citation (search report)
• [XY] EP 3246999 A1 20171122 - INARCA SPA [IT]
• [X] DE 10237830 A1 20030508 - SORIG LUDGER [DE]
• [X] EP 0697752 A2 19960221 - WHITAKER CORP [US]
• [Y] CN 103746206 A 20140423 - WENZHOU CITY ZHUCHENG ELECTRICAL CO LTD
• [Y] US 6428365 B1 20020806 - YAMAMOTO HIROSHI [JP]
• [Y] US 4932891 A 19900612 - SPANKE REINHOLD [DE], et al
• [Y] US 2018316112 A1 20181101 - TANIKAWA NAOTAKA [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

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