

Title (en)  
ELECTRIC CONNECTION DEVICE

Title (de)  
ELEKTRISCHE VERBINDUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CONNEXION ÉLECTRIQUE

Publication  
**EP 3633800 A1 20200408 (EN)**

Application  
**EP 19000442 A 20191001**

Priority  
IT 201800009075 A 20181002

Abstract (en)  
An electric connection device is described, comprising: a first electric connection element (10, 10a) connectable to a second electric connection element (12, 12a); a bayonet-type locking and unlocking mechanism configured for coupling and uncoupling the first connection element (10, 10a) and the second connection element (12, 12a) through a mutual rotation; a secondary safety locking mechanism, configured for preventing the rotation of the first connection element (10, 10a) and of the second connection element (12, 12a) one with respect to another and the consequent separation of the two elements (10, 10a, 12, 12a) comprising retractable locking means (22, 24) configured to be unlocked by a removable unlocking tool (32), the removable unlocking tool (32) being connectable to the electric connection device through removable connecting means (40) configured to be removably fastened to the electric connection device.

IPC 8 full level  
**H01R 13/625** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)  
**H01R 13/625** (2013.01); **H01R 13/6397** (2013.01); **H01R 24/005** (2013.01); **H01R 43/26** (2013.01)

Citation (applicant)  
US 5685730 A 19971111 - CAMERON JOHN [GB], et al

Citation (search report)  
• [A] US 2009163066 A1 20090625 - VANZO AUGUSTO [IT]  
• [A] DE 102006018763 A1 20071025 - WALTHER F WERKE [DE]  
• [A] EP 2104186 A1 20090923 - BOCCHIOTTI S P A SOCIETA PER L [IT]  
• [A] US 6280221 B1 20010828 - FUKASE YOSHIHIRO [JP], et al

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 3633800 A1 20200408**; **EP 3633800 B1 20210505**; IT 201800009075 A1 20190102

DOCDB simple family (application)  
**EP 19000442 A 20191001**; IT 201800009075 A 20181002