

Title (en)

Electrical plug with locking means

Title (de)

Elektrischer Stecker mit Verriegelungsmitteln

Title (fr)

Fiche électrique munie de moyens de verrouillage

Publication

EP 2182538 B1 20150304 (FR)

Application

EP 09290739 A 20090929

Priority

FR 0806105 A 20081103

Abstract (en)

[origin: EP2182538A1] The plug (100) has a locking unit (150) to lock an insulating body (110) of the plug on a parallelepiped insulating casing (480) of a modular electrical apparatus (400). The unit has a movable part (152) including hooks (153) for being hooked on the casing and mounted slidably on a fixed part between released and hooking positions. The unit has a locking nail (155) mounted movably on the movable part between locked and unlocked positions in which the nail locks the movable part, in the hooking position, on the fixed part and authorizes the sliding of the movable part, respectively.

IPC 8 full level

H01H 71/08 (2006.01); **H01R 13/627** (2006.01); **H02B 1/20** (2006.01)

CPC (source: EP)

H01H 71/082 (2013.01); **H01R 13/6275** (2013.01); **H01R 13/639** (2013.01)

Cited by

FR3060223A1; FR3060217A1; US8469732B2; AU2012295460B2; EP4277044A1; FR3135357A1; WO2013025335A1; WO2019121202A1; WO2024097482A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2182538 A1 20100505; **EP 2182538 B1 20150304**; CN 101728714 A 20100609; CN 101728714 B 20120530; ES 2536101 T3 20150520; FR 2938115 A1 20100507; FR 2938115 B1 20140124; PL 2182538 T3 20150831; RU 2009140634 A 20110510

DOCDB simple family (application)

EP 09290739 A 20090929; CN 200910209828 A 20091102; ES 09290739 T 20090929; FR 0806105 A 20081103; PL 09290739 T 20090929; RU 2009140634 A 20091102