

Title (en)
PLUG-IN COMBINATION OF DEVICES

Title (de)
STECKBARE GERÄTEKOMBINATION

Title (fr)
COMBINAISON D'APPAREIL ENFICHABLE

Publication
EP 2919338 B1 20170726 (DE)

Application
EP 15401017 A 20150310

Priority
DE 102014103203 A 20140311

Abstract (en)
[origin: CN104916976A] The present invention relates to a plug-in appliance combination with an appliance base and a plug-in module. The appliance base has a base housing with a recess for receiving the plug-in module, a linkage terminal for a conductor of a power grid to be protected, and a plug-in contact. The plug-in module has a plug housing, a protective element arranged in the plug-in housing, and a linkage plug-in contact corresponding to the plug-in contact. In the apparatus combination, unlocking and replacement of the plug-in module are executed thereby. At least one recess delimiting wall of the appliance base is provided with a flexible locking arm, at least one end side of the plug housing is provided with a locking recess, an unlocking element is arranged on the end side, wherein in the fully plugged state of the plug-in module in the recess, the locking arm is not deflected in a first, lower position of the unlocking element, so that the free end of the locking arm in the detent recess; engages, during the locking arm is deflected in a second, upper position of the unlocking element so that the free end of the latching arm does not extend into the locking recess.

IPC 8 full level
H01T 4/06 (2006.01); **H01R 13/639** (2006.01); **H05K 7/14** (2006.01)

CPC (source: CN EP)
H01R 13/6271 (2013.01 - CN EP); **H01R 13/633** (2013.01 - CN EP); **H01R 13/6666** (2013.01 - CN EP); **H01R 43/26** (2013.01 - CN EP); **H01T 4/06** (2013.01 - EP)

Cited by
EP3236548A1; US10420232B2

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

DOCDB simple family (publication)
EP 2919338 A1 20150916; EP 2919338 A8 20151202; EP 2919338 B1 20170726; CN 104916976 A 20150916; CN 104916976 B 20180126; DE 102014103203 A1 20150917

DOCDB simple family (application)
EP 15401017 A 20150310; CN 201510106037 A 20150311; DE 102014103203 A 20140311