

Title (en)
MULTIPLE ELECTRICAL SOCKET

Title (de)
ELEKTRISCHE MEHRFACHSTECKDOSE

Title (fr)
PRISE DE COURANT MULTIFICHE

Publication
EP 2911249 B1 20170405 (EN)

Application
EP 15155236 A 20150216

Priority
IT MI20140252 A 20140220

Abstract (en)
[origin: EP2911249A1] A multiple electrical socket (10) comprises an engaging area (11) intended to receive alternately a first type of plug (70) and at least one second type of plug (74). The engaging area (11) comprises in turn a first series of holes (17) and at least one second series holes (18), said first and second series of holes being intended for the axial insertion therein of pins respectively of plugs of the first and second plug types for electrical contact between socket and plug. The edges of the engaging area (11) are also provided with two resilient electrical contact earth elements (19, 20) projecting above the engaging area (11) for making electrical contact with corresponding lateral earth terminals (71, 72) of the first type of plug. Movements means (21) are provided underneath the engaging area (11) and are actuated by the insertion of a plug (74) of the second plug type into the corresponding second series of holes (18) so as to move at least one of said resilient elements (19, 20) towards the outside of the engaging area (11).

IPC 8 full level
H01R 13/453 (2006.01); **H01R 13/655** (2006.01); **H01R 24/78** (2011.01); **H01R 27/00** (2006.01); **H01R 103/00** (2006.01)

CPC (source: EP)
H01R 13/4534 (2013.01); **H01R 13/655** (2013.01); **H01R 24/78** (2013.01); **H01R 27/00** (2013.01); **H01R 13/4532** (2013.01); **H01R 2103/00** (2013.01)

Cited by
EP3493332A1

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 2911249 A1 20150826; **EP 2911249 B1 20170405**; ES 2630185 T3 20170818; HR P20170817 T1 20170825; ME 02673 B 20170620; PL 2911249 T3 20170831; PT 2911249 T 20170424; RS 55937 B1 20170929; SI 2911249 T1 20170630

DOCDB simple family (application)
EP 15155236 A 20150216; ES 15155236 T 20150216; HR P20170817 T 20170530; ME P201793 A 20150216; PL 15155236 T 20150216; PT 15155236 T 20150216; RS P20170484 A 20150216; SI 201530059 A 20150216