

Title (en)  
SOCKET WITH MOVABLE COVER

Title (de)  
STECKDOSE MIT BEWEGLICHER ABDECKUNG

Title (fr)  
PRISE DE COURANT AVEC COUVERCLE AMOVIBLE

Publication  
**EP 4131668 B1 20240327 (EN)**

Application  
**EP 21189931 A 20210805**

Priority  
EP 21189931 A 20210805

Abstract (en)  
[origin: EP4131668A1] Socket in a plug-and-socket connection, said socket being essentially cup shaped and having a guided cover plate movable in axial direction to close the socket in a nonoperating state, said cover plate being guided in the socket, taking a springloaded first position in its nonoperating state, and being movable axially and/or rotatory to a second position at a bottom bearing surface of the socket when inserting a plug into the socket, whereby a first guiding means to guide said cover plate while axially and/or rotatory moving down into the socket is provided by the peripheral surface area of said cover plate slidably interacting with the inner surface of the socket being essentially cylindrical, said peripheral surface area of the cover plate forming a spherical profile with its diameter tapering towards the bottom of the socket.

IPC 8 full level  
**H01R 13/453** (2006.01)

CPC (source: EP)  
**H01R 13/4532** (2013.01); **H01R 13/4538** (2013.01)

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 4131668 A1 20230208; EP 4131668 B1 20240327; DK 4131668 T3 20240624; PL 4131668 T3 20240805**

DOCDB simple family (application)  
**EP 21189931 A 20210805; DK 21189931 T 20210805; PL 21189931 T 20210805**