

Title (en)
Electric safety socket

Title (de)
Elektrische Schutzkontaktsteckdose

Title (fr)
Prise électrique à contact protégé

Publication
EP 2315319 B1 20130605 (DE)

Application
EP 10179215 A 20100924

Priority
DE 102009050597 A 20091024

Abstract (en)
[origin: EP2315319A1] The socket has a switch device provided with an operating button (12). A socket part (3) receives a contact part that contacts plug connector pin and electrical lines. A socket outlet central piece (4) is fastened at the socket part and receives a socket. The switch device comprises a printed circuit board (5) fixed at a carrier plate (13), and a key switch element (6) and an chip-like electronic component (7) for transmitting data and/or messages are provided on the circuit board. The circuit board stays in electrical conductive connection with the contact part by a connection element (8).

IPC 8 full level
H01R 13/70 (2006.01); **H01R 13/655** (2006.01); **H01R 13/66** (2006.01); **H01R 24/76** (2011.01); **H01R 24/78** (2011.01)

CPC (source: EP)
H01R 13/655 (2013.01); **H01R 13/6658** (2013.01); **H01R 13/70** (2013.01); **H01R 24/78** (2013.01); **H01R 2103/00** (2013.01)

Cited by
EP2696448B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2315319 A1 20110427; EP 2315319 B1 20130605; DE 102009050597 A1 20110512; PL 2315319 T3 20131129

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