

Title (en)  
Electric safety socket

Title (de)  
Elektrische Schutzkontaktsteckdose

Title (fr)  
Prise électrique à contact protégé

Publication  
**EP 2315318 B1 20131002 (DE)**

Application  
**EP 10179218 A 20100924**

Priority  
DE 102009050595 A 20091024

Abstract (en)  
[origin: EP2315318A1] The socket has a switching device provided with an actuating element (12) i.e. operating button. A socket-outlet central part (4) is attached with a socket part (3), and receives a connector to be connected. The switching device includes a printed circuit board (5) fixed to the socket-outlet central part. A key switch element (6) and a chip-type electronic module (7) for transmitting data and/or messages are arranged on the circuit board. The printed circuit board is connected with contact parts of the socket part over connection elements (8) in an electrically conducting manner.

IPC 8 full level  
**H01R 13/655** (2006.01); **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  
DE102016111957B4; EP2696448A1; EP3751680A1; EP2741374A1; RU2636268C2; DE102016111956B3; DE102016111957A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2315318 A1 20110427; EP 2315318 B1 20131002**; DE 102009050595 A1 20110428; DE 102009050595 B4 20131010

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