

Title (en)
Safety device for electrical socket

Title (de)
Sicherheitsvorrichtung für Steckdose

Title (fr)
Dispositif de sécurité pour douille électrique

Publication
EP 2709213 B1 20170628 (EN)

Application
EP 13183762 A 20130910

Priority
IT MI20121522 A 20120914

Abstract (en)
[origin: EP2709213A1] Safety device (30) for electrical sockets (1), designed to be interposed between a body (10) for containing the electrical contacts of the socket and a cover (20) having at least one pair of openings (21) for access to said phase and neutral electrical contacts of the socket, said safety system (30) comprising shutter elements (60) pushed by elastic means (61) normally to occlude said openings (21) to prevent the access to said electrical contacts and which can be moved away from said openings (21) when the pins of an electrical plug are inserted therein, but not when a foreign body is inserted in only one of said openings (21), wherein said shutters (60) are separated one in relation to the other and are placed on an oscillating body (50) able to oscillate around an axis X-X placed centrally to them when a thrust force is exerted on only one of these shutters through one of said openings (21) of the cover (20), so as to avoid any displacement of said shutters (60) from their position of occlusion of said openings (21).

IPC 8 full level
H01R 13/453 (2006.01); **H01R 24/78** (2011.01); **H01R 27/02** (2006.01); **H01R 103/00** (2006.01)

CPC (source: EP)
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