

SAFETY DEVICE FOR ELECTRICAL SOCKET

ABSTRACT

5 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
10 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
15 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).

Fig. 2