

Title (en)
Electrical installation apparatus, especially safety socket.

Title (de)
Elektrisches Installationsgerät, insbesondere Schutzkontaktsteckdose.

Title (fr)
Appareil d'installation électrique, notamment prise de sécurité.

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EP 0418496 B1 19950125 (DE)

Application
EP 90113924 A 19900720

Priority
DE 3929229 A 19890902

Abstract (en)
[origin: EP0418496A1] The invention relates to an electrical installation apparatus, especially a safety socket. This installation apparatus has a supporting ring with retaining webs which hold a base of insulating material. The electrical connecting contacts, the earth clip and, if applicable, mechanical retaining elements and the like, are accommodated thereon. A board having overvoltage protection elements is also allocated to the insulating material base. The effectiveness of the overvoltage protection elements is indicated by means of a signalling device. The electrical installation apparatus also includes an insulating material housing which at least partially surrounds the insulating material base. This insulating material housing, together with the parts located inside it, is accommodated in the interior of a retaining socket, especially a flush-mounted socket. While the signalling device for indicating the effectiveness has in the past always been constructed as an optical signalling device it is now proposed to use an accoustic signalling device. This may consist, for example, of accoustic signalling devices of the type known under the designation "buzzers". In order to facilitate economical production of the electrical installation apparatus, it is provided for the insulating material housing to be fixed to parts of a commercially available electrical installation apparatus, which exists in any case. This can take place, for example, in such a manner that the insulating material housing is attached to the retaining webs of the supporting ring of the installation apparatus. <IMAGE>

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