

Title (en)

A replaceable surge protective plug

Title (de)

Auswechselbarer Überspannungsgeschützter Stecker

Title (fr)

Fiche remplaçable avec protection contre des surtensions

Publication

**EP 0908973 A3 20000712 (EN)**

Application

**EP 98112525 A 19980707**

Priority

US 94454897 A 19971007

Abstract (en)

[origin: EP0908973A2] Disclosed is a replaceable surge protective plug for an electric appliance or equipment and mainly including a main body in which a surge protecting means and an LED circuit are arranged. A set of pins are provided at a bottom portion of the main body for inserting into a power socket. The main body includes a removable bottom cover for access of three connection terminals in the main body. A conductor including three connecting lines is connected to the main body by separately connecting the lines to the terminals. The surge protective means may absorb damaging surge and thereby protects the electric appliance or equipment connected to the plug from being damaged by the surge. When the surge protective means in the plug is no longer workable, the LED shall extinguishes to remind a consumer to open the bottom cover and disconnect the conductor from the main body, so that a main body with good surge protective means can be used to replace the old one. <IMAGE>

IPC 1-7

**H01R 13/66**; **H02H 9/04**

IPC 8 full level

**H01R 13/66** (2006.01)

CPC (source: EP)

**H01R 13/6666** (2013.01); **H01R 13/6641** (2013.01); **H01R 13/6691** (2013.01); **H01R 13/7175** (2013.01)

Citation (search report)

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- [Y] WO 9105377 A1 19910418 - RAYCHEM CORP [US]
- [Y] US 5466165 A 19951114 - BOESEL GEORGE F W [US], et al
- [A] WO 9726686 A1 19970724 - RAYCHEM CORP [US]

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0908973 A2 19990414**; **EP 0908973 A3 20000712**

DOCDB simple family (application)

**EP 98112525 A 19980707**