

Title (en)

An internal protection device for an electrical plug and a plug incorporating it

Title (de)

Interne Schutz Einrichtung für elektrischen Stecker sowie Stecker mit einer solchen Einrichtung

Title (fr)

Dispositif de protection pour fiche électrique et fiche comportant un tel dispositif

Publication

**EP 1137112 A1 20010926 (EN)**

Application

**EP 00830206 A 20000321**

Priority

EP 00830206 A 20000321

Abstract (en)

An internal protection device for an electrical plug of the type including an insulating body (10), a cable (12) with at least two insulated conductors (14), a pair of pins (16) and an insert (18) for supporting the pins (16). The protection device is a cap-shaped element (20) with a base (22) and a side wall (24) which define an internal cavity (26). The opening of the element (20) is intended to receive the pin-support insert (18). The base (22) has a hole (32) for the cable (12) to pass through, while a protection wall, substantially an extension of the rim of the hole (32), protrudes from the base (22) into the cavity (26) to a height which is less than that of the side wall (24). <IMAGE>

IPC 1-7

**H01R 13/58**

IPC 8 full level

**H01R 13/58** (2006.01)

CPC (source: EP)

**H01R 13/5833** (2013.01)

Citation (search report)

- [Y] US 2553371 A 19510515 - HUPPERT RUTH E W
- [Y] FR 2449343 A1 19800912 - INOVAC SA
- [A] DE 2447367 A1 19760415 - FERDINAND TAEFLER KG

Cited by

CN102340065A; CN103096782A; EP2594190A4

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