

Title (en)

Extraction device for an electrical plug.

Title (de)

Ausziehgerät für einen elektrischen Stecker.

Title (fr)

Dispositif d'extraction d'une fiche de courant électrique.

Publication

EP 0623975 A3 19941228 (FR)

Application

EP 94111084 A 19910814

Priority

- BE 9000790 A 19900816
- EP 91870124 A 19910814

Abstract (en)

[origin: EP0473562A1] The device provides for a thrust member (30, 130, 90) mounted between the body (10)/support (12, 112) assembly of the plug (8) and the casing of the socket (70) which exerts an axial force enabling them to execute an axial relative movement and an actuating element (50, 150, 100) interacting with the said thrust member (30, 90) such that the actuation of the said actuating element (50, 150, 100) ensures the said axial relative movement and therefore the extraction of the conductor pins (18) of the plug (8) from the socket-terminal bushes or grippers (72) of the socket (70). The extraction device may be mounted either on sockets (70) or on plugs (8) of standard type. <IMAGE>

IPC 1-7

H01R 13/633

IPC 8 full level

H01R 13/633 (2006.01); **H01R 13/635** (2006.01)

CPC (source: EP US)

H01R 13/635 (2013.01 - EP US)

Citation (search report)

- [A] US 4045106 A 19770830 - BORG JOHN P
- [A] GB 1138364 A 19690101 - PLESSEY CO LTD
- [A] US 4042292 A 19770816 - CHENSKY FRANK T
- [E] WO 9220123 A1 19921112 - PRODAX KFT [HU]

Cited by

US7138103B2; WO9948172A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0473562 A1 19920304; EP 0473562 B1 19950308; AT E119714 T1 19950315; AT E134461 T1 19960315; BE 1004372 A3 19921110; DE 69107937 D1 19950413; DE 69107937 T2 19950713; DE 69117309 D1 19960328; DE 69117309 T2 19960711; EP 0623975 A2 19941109; EP 0623975 A3 19941228; EP 0623975 B1 19960221; ES 2071972 T3 19950701; ES 2083885 T3 19960416; JP H04233175 A 19920821; US 5171291 A 19921215

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EP 91870124 A 19910814; AT 91870124 T 19910814; AT 94111084 T 19910814; BE 9000790 A 19900816; DE 69107937 T 19910814; DE 69117309 T 19910814; EP 94111084 A 19910814; ES 91870124 T 19910814; ES 94111084 T 19910814; JP 22865191 A 19910814; US 74451091 A 19910814