Title (en)

Device for locking a cable end piece to a connector housing

Title (de)

Einrichtung zum Verrasten eines Kabelschuhs in einem Steckergehäuse

Title (fr)

Dispositif pour verrouiller une cosse de câble à un boîtier de connecteur

Publication

EP 0742611 B1 20000119 (DE)

Application

EP 96106403 A 19960424

Priority

- DE 19517066 A 19950510
- US 49365195 A 19950622

Abstract (en)

[origin: EP0742611A2] An electrical cable (3) is fitted with a contact shoe element (2) that is located within a plug body (6) and the lower end is engaged by the connecting end (41) of a tool. The main stem of the tool is formed with a helical form (42) and this has a captive nut (5) that causes rotation to occur when the unit is moved axially. This results in latching elements (21) engaging formed projections (11) to secure the contact shoe element of the cable and so prevents any axial movement.

IPC 1-7

H01R 43/20

IPC 8 full level

H01R 43/20 (2006.01)

CPC (source: EP US)

H01R 43/20 (2013.01 - EP US); Y10T 29/53213 (2015.01 - EP US); Y10T 29/53222 (2015.01 - EP US); Y10T 29/53235 (2015.01 - EP US); Y10T 29/53239 (2015.01 - EP US)

Designated contracting state (EPC)

DE IT PT

DOCDB simple family (publication)

EP 0742611 A2 19961113; **EP 0742611 A3 19970716**; **EP 0742611 B1 20000119**; CA 2176089 A1 19961111; DE 19517066 A1 19961114; US 5590458 A 19970107

DOCDB simple family (application)

EP 96106403 A 19960424; CA 2176089 A 19960508; DE 19517066 A 19950510; US 49365195 A 19950622