

Title (en)

Mechanical locking at a plug connection between an electric switch and a plug connector.

Title (de)

Mechanische Verriegelung an einer Steckverbindung zwischen einem elektrischen Schalter und einem Verbindungsstecker.

Title (fr)

Verrouillage mécanique pour une connexion à fiches entre un interrupteur électrique et un connecteur enfichable.

Publication

EP 0524392 B1 19951025 (DE)

Application

EP 92108316 A 19920516

Priority

DE 4124798 A 19910726

Abstract (en)

[origin: DE4216162A1] The mechanical locking system uses a pin projection (5) of one of the two parts (1,2) fitting into a corresp. opening (15) in the other part (2,1), with a locking nose (13) integral with the wall of the opening (15) for engaging a locking spring (9) provided by the pin projection (5). This spring (9) is released from the locking nose (13) upon its depression via an inserted screwdriver blade (21), with a projection (17) of the spring (9) fitting into a recess (8) provided by the pin projection (5), to allow the connection coupling to be released. The spring projection (17) can only be received in the recess (8) when the switch is in a given position.

IPC 1-7

H01R 13/506; **H01R 13/627**

IPC 8 full level

H01H 1/58 (2006.01); **H01H 9/22** (2006.01); **H01R 13/506** (2006.01); **H01R 13/627** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP US)

H01R 13/627 (2013.01 - EP US); **H01R 13/506** (2013.01 - EP US)

Cited by

CN114267990A; CN112164914A; CN108232713A; CN105958275A; EP0631348A3; CN111316508A; CN106856275A; CN108232916A

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0524392 A1 19930127; **EP 0524392 B1 19951025**; DE 4216162 A1 19930128; DE 4216162 C2 19960404; DE 59204106 D1 19951130; ES 2078584 T3 19951216; JP H07201245 A 19950804; JP H088025 B2 19960129; US 5217384 A 19930608

DOCDB simple family (application)

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