

Title (en)
Electrical terminal

Title (de)
Anschlussklemme

Title (fr)
Terminal électrique

Publication
EP 1998410 A1 20081203 (EN)

Application
EP 07425327 A 20070529

Priority
EP 07425327 A 20070529

Abstract (en)
A female electrical terminal (1) comprises a conductive body (2) having a conductive part (4) able to be coupled to a male electrical terminal (10), along a coupling axis (X-X) and in a plug-on direction (A), clamping means (20) for clamping the conductive part (4) onto the male terminal (10), and lock means (30) for engaging an abutment surface (11) of the male terminal (10), when the female terminal (1) is plugged on the male terminal (10). The lock means (30) are connected to the clamping means (20) and can be driven from a locking position to an unlocking position by counteracting an elastic return force directed towards the locking position. In the locking position, the lock means (30) engage the abutment surface (11) to prevent displacement of the female terminal (1) along the coupling axis (X-X) in the direction opposite to the plug-on direction, whereas in the unlocking position, they disengage from the abutment surface (11) to allow displacement of the female terminal (1) along the coupling axis (X-X).

IPC 8 full level
H01R 13/18 (2006.01); **H01R 13/20** (2006.01)

CPC (source: EP)
H01R 13/18 (2013.01); **H01R 13/20** (2013.01); **H01R 11/286** (2013.01)

Citation (applicant)
DE 3346322 A1 19850704 - GROTE & HARTMANN [DE]

Citation (search report)
• [X] DE 3346322 A1 19850704 - GROTE & HARTMANN [DE]
• [X] US 3364459 A 19680116 - SCHILLER LESLIE L
• [X] US 4009924 A 19770301 - BUNGO EDWARD M, et al
• [X] US 5011439 A 19910430 - PAWLICKI JEFFREY J [US]

Cited by
USD924145S; USD924146S

Designated contracting state (EPC)
DE FR GB IT

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1998410 A1 20081203

DOCDB simple family (application)
EP 07425327 A 20070529