

Title (en)

Spring connection terminal with actuation lever

Title (de)

Federanschlussklemme mit Betätigungshebel

Title (fr)

Borne de connexion de ressort avec levier d'actionnement

Publication

EP 2889964 B1 20180321 (EN)

Application

EP 14200432 A 20141229

Priority

IT RM20130725 A 20131230

Abstract (en)

[origin: EP2889964A1] A spring connection terminal (2) is described for an electrical apparatus (1), said terminal (2) comprising: - a case (4) in electrically insulated material having a conductor aperture (5) provided to permit the insertion of an electric conductor (W1) in said terminal (2); - a locking spring (3) housed in said case (4), the locking spring (3) being a leaf spring provided to block the electric conductor (W1) inserted in the conductor aperture (5) so as to establish an electric connection between the electric conductor (W1) and said terminal (2) ; - an actuation lever (7) adapted to cooperate with the locking spring (3) to permit the insertion of the electric conductor in said terminal, said lever (7) being adapted to assume an operating position in which said lever (7) can rotate around a rotation axis between a first angular position and second angular position different from each other. Said terminal (2) being characterised in that it comprises at least one inhibition element (8) provided to prevent a rotation of said lever (7) in a first direction, said lever (7) being adapted to assume a rest position in which the rotation of the actuation lever (7) in said first direction is prevented by said at least one inhibition element (8) and said lever (7) being selectively movable in a sliding manner between said operating position and said rest position.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 9/26** (2006.01); **H01R 13/629** (2006.01)

CPC (source: EP)

H01R 4/48455 (2023.08); **H01R 9/26** (2013.01); **H01R 13/629** (2013.01)

Cited by

CN109713463A; EP3358679A1; FR3062526A1

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