

Title (en)

Wire connecting terminal in a modular electrical device

Title (de)

Leiteranschlussklemme eines modularen elektrischen Gerätes

Title (fr)

Borne de raccordement d'un conducteur à un appareillage électrique de type modulaire

Publication

EP 0847105 B1 19990602 (FR)

Application

EP 96440102 A 19961129

Priority

EP 96440102 A 19961129

Abstract (en)

[origin: EP0847105A1] The terminal is a cage (1) which houses the plate (2) and is displaced by the action of the screw (3) to clamp or unclamp the conductor. The teeth (4, 5) on the plate stand proud on edge towards radial abutments on the half-shells so as to bite into the half-shells on an axis parallel to that of the screw on turning the screw. The plate may have two side pieces (6, 7) on either side pointing in opposite directions but with teeth pointing in the same direction. Alternatively, it may be a U-shape whose sides have parallel edges facing the base of the U, each with a tooth on opposite sides of the longitudinal axis and a further tooth on an edge opposite one of the other teeth but on the same arm of the U.

IPC 1-7

H01R 4/36; H01R 4/38

IPC 8 full level

H01R 4/36 (2006.01); **H01R 4/38** (2006.01); **H01R 13/42** (2006.01); **H01R 13/502** (2006.01)

CPC (source: EP)

H01R 4/363 (2013.01); **H01R 4/38** (2013.01); **H01R 13/42** (2013.01); **H01R 13/502** (2013.01)

Cited by

DE10111431B4; EP2019449A3; CN103138058A; CN106911054A; EP2019449A2; WO03041226A1

Designated contracting state (EPC)

CH DE ES FI FR IT LI SE

DOCDB simple family (publication)

EP 0847105 A1 19980610; **EP 0847105 B1 19990602**; DE 69602758 D1 19990708; DE 69602758 T2 20000302

DOCDB simple family (application)

EP 96440102 A 19961129; DE 69602758 T 19961129