

Title (en)
DEVICE FOR THE SCREWLESS CONNECTION OF TWO PARTS

Publication
EP 0108235 B1 19870304 (DE)

Application
EP 83109655 A 19830928

Priority
DE 3237947 A 19821013

Abstract (en)
[origin: EP0108235A1] 1. Screwless terminal (1) for electric conductors (3) with a clamp spring (21) bracing to a stationary part (12) of a housing (11), which clamp spring is biased before inserting the conductor (3) to be connected and locks the conductor after inserting by clamping, whereby an extension (25) lockable for biasing the clamp spring (21) is extending from the spring leg (23) of the clamp spring (21), which extension is oriented about normal to the conductor (3) to be connected, one leg (27) of the extension having an opening (29) for inserting the conductor (3), and whereby the locking by action of the conductor (3) to be connected to the other leg (28) disengageable and the conductor (3) to be connected is pushable by means of the one leg (27) of the extension (25) against the stationary part (12) of the housing (11), characterized in that the U-shaped extension (25) having an outer and an inner leg (27, 28) is lockable with a stationary part of the housing (11) and that the housing (11) is shaped in form of a housing having an intermediate wall (12), to which wall the preferably hairspring or ring shaped clamp spring (21) braces, and that the intermediate wall (12) has one or two openings (13, 14) for leading through the legs (27, 28) of the extension (25).

IPC 1-7
H01R 4/48

IPC 8 full level
H01R 4/48 (2006.01)

CPC (source: EP)
H01R 4/4816 (2023.08); **H01R 4/4842** (2023.08)

Cited by
EP1463152A1; EP4311028A1; DE102010054679A1; DE102010054679B4; EP1531520A3; WO2020214114A1; US7131857B2; WO03028161A1

Designated contracting state (EPC)
CH FR GB IT LI

DOCDB simple family (publication)
EP 0108235 A1 19840516; EP 0108235 B1 19870304; DE 3237947 A1 19840419; DE 3237947 C2 19871126

DOCDB simple family (application)
EP 83109655 A 19830928; DE 3237947 A 19821013