

Title (en)

ELECTRICAL EQUIPMENT WITH AUTOMATIC CONNECTION, ESPECIALLY CONNECTOR FOR ELECTRICAL CONDUCTORS

Publication

EP 0037758 B1 19840613 (FR)

Application

EP 81400419 A 19810318

Priority

FR 8007675 A 19800404

Abstract (en)

[origin: ES269838U] A self-clamping electrical connector or terminal block is disclosed having one or more entrance passages for inserting a corresponding number of conductive cores of leads. A U-shaped metal guide member is mounted in the housing and a leaf spring part with a corresponding number of leaf springs each having an angled portion extending between the legs of the guide member. The angled portion is adapted to clamp the conductive core against one of the legs upon insertion of the lead. Each leaf spring comprises clipping means including a bowed portion connected to the angled portion and a flat portion. The bowed portion bears on the inner surface of the other leg of the guide member and the flat portion bears against the outer surface of said other leg. A lug may be provided on the leg to prevent the leaf spring part from slipping off the guide member.

IPC 1-7

H01R 4/48

IPC 8 full level

H01R 4/24 (2006.01); **H01R 4/48** (2006.01); **H01R 13/15** (2006.01)

CPC (source: EP US)

H01R 4/48185 (2023.08 - EP US)

Cited by

FR2757687A1; EP0704932A3; EP0432227A4; EP1850417A3; RU2653161C2; DE102014102517B4; EP0908965A1; FR2769411A1; EP1850417A2; WO2014124964A1; US9525219B2; US9761964B2

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