

Title (en)

Quick cutting terminal contact

Title (de)

Schnellschneidklemmverbinder

Title (fr)

Connexion auto-dénudante à action rapide

Publication

EP 0697749 B1 19990120 (FR)

Application

EP 95401805 A 19950801

Priority

FR 9409707 A 19940804

Abstract (en)

[origin: EP0697749A1] The self-stripping connection is for connecting conductors to a connecting strip in a terminal block comprising a plastic casing divided into compartments (12). Each compartment has a well (21) containing a screw (22), the threaded rod (25) and an opening (27) for the conductor. The opening joins with a slot (28) parallel to the edges (16'A,16'B) of the self-stripping contacts (16). The slot has lips (31,32) which are moulded with the casing and grip the conductor after being connected. The slot extends (29) without the lips above the contacts allowing the conductor to be withdrawn by simple force with for example a screwdriver. The height of the contacts is a multiple of the conductor diameter.

IPC 1-7

H01R 4/24

IPC 8 full level

H02G 1/12 (2006.01); **H01R 4/24** (2006.01); **H01R 9/24** (2006.01)

CPC (source: EP US)

H01R 4/2408 (2013.01 - EP US); **H01R 9/24** (2013.01 - EP US)

Cited by

FR2746219A1; US5820420A; EP0905817A1; FR2768863A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0697749 A1 19960221; **EP 0697749 B1 19990120**; BR 9503542 A 19960528; CA 2155402 A1 19960205; CA 2155402 C 19980602; DE 69507403 D1 19990304; DE 69507403 T2 19990624; ES 2128677 T3 19990516; FR 2723474 A1 19960209; FR 2723474 B1 19970103; JP 3801669 B2 20060726; JP H0898360 A 19960412; US 5634811 A 19970603

DOCDB simple family (application)

EP 95401805 A 19950801; BR 9503542 A 19950803; CA 2155402 A 19950803; DE 69507403 T 19950801; ES 95401805 T 19950801; FR 9409707 A 19940804; JP 19993195 A 19950804; US 51088395 A 19950803