

Title (en)

Connection device with actuating mechanism

Title (de)

Anschlussvorrichtung mit Betätigungsvorrichtung

Title (fr)

Dispositif de raccordement avec mécanisme d'actionnement

Publication

EP 1592086 A3 20071003 (DE)

Application

EP 05101831 A 20050309

Priority

- DE 202004013363 U 20040825
- DE 202004006806 U 20040428

Abstract (en)

[origin: EP1592086A2] The connector has a connector body (1) with an open- topped chamber (3), and a stationary electrical contact mounted in the chamber. The contact has an insulation severing unit, and an operating unit introduces an insulated conductor laterally into the chamber in insulation piercing relation with the severing unit. The operating unit has an operating component having a flexible section (15) that is guided along a curved path.

IPC 8 full level

H01R 4/24 (2006.01); **H01R 43/01** (2006.01)

CPC (source: EP US)

H01R 4/2433 (2013.01 - EP US); **H01R 43/015** (2013.01 - EP US)

Citation (search report)

- [X] DE 19604615 C1 19970612 - SIEMENS AG [DE]
- [X] DE 19835459 A1 20000217 - PHOENIX CONTACT GMBH & CO [DE]
- [X] DE 3743410 A1 19890629 - ELECTRO TERMINAL GMBH [AT]
- [A] US 5324209 A 19940628 - FALOSS I ALDO [US], et al
- [DA] EP 0936697 A1 19990818 - WEIDMUELLER INTERFACE [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

DE 202004013363 U1 20050908; EP 1592086 A2 20051102; EP 1592086 A3 20071003; US 2005245140 A1 20051103; US 7063557 B2 20060620

DOCDB simple family (application)

DE 202004013363 U 20040825; EP 05101831 A 20050309; US 10276205 A 20050411