

Title (en)

Quick connect electrical distribution device.

Title (de)

Elektrische Verteilervorrichtung mit Schnellkupplung.

Title (fr)

Dispositif de distribution électrique à connexion rapide.

Publication

**EP 0573368 A1 19931208 (FR)**

Application

**EP 93420215 A 19930527**

Priority

FR 9206896 A 19920604

Abstract (en)

Electrical distribution device constituted by a horizontal rail (1), which is elongate and has a constant cross-section, intended to support a power cable (8), and by at least one case (3) intended to be fixed, in a removable fashion, at any point along the said rail. According to the invention, the said rail (1), a mounting plate (5) and the said case (3) comprises a lower part having a transverse cross-section in the general shape of an upside-down U so as to form a channel (6) into which the said mounting plate (5) of the rail is engaged, and a cam (20) is mounted in a pivoting fashion and can be manually activated so as to be able to pivot in a direction so as to attach the said mounting plate (5) of the rail into the said channel (6) by jamming (clamping), and to make electrical contact by perforation of the insulation of the cable. <IMAGE>

IPC 1-7

**H01R 25/14**

IPC 8 full level

**H01R 25/14** (2006.01)

CPC (source: EP)

**H01R 25/142** (2013.01)

Citation (search report)

- [X] FR 2402947 A1 19790406 - ALSTHOM ATLANTIQUE [FR]
- [A] US 4812134 A 19890314 - MILLER RUTH E [US], et al
- [A] US 3691510 A 19720912 - LEHMANN HERBERT G
- [A] US 4099817 A 19780711 - BOOTY DONALD J

Cited by

DE19739741A1; FR2940861A1; CN105009381A; CN106936044A; WO2014125073A1; EP0860899B1

Designated contracting state (EPC)

BE CH DE ES GB IT LI SE

DOCDB simple family (publication)

**EP 0573368 A1 19931208; EP 0573368 B1 19970402**; DE 69309345 D1 19970507; ES 2101985 T3 19970716; FR 2692081 A1 19931210; FR 2692081 B1 19951215

DOCDB simple family (application)

**EP 93420215 A 19930527**; DE 69309345 T 19930527; ES 93420215 T 19930527; FR 9206896 A 19920604