

Title (en)
Self-stripping connection device.

Title (de)
Abisolierfreie Verbindungsvorrichtung.

Title (fr)
Dispositif de connexion autodénudant.

Publication
EP 0248743 A1 19871209 (FR)

Application
EP 87420120 A 19870505

Priority
FR 8606724 A 19860506

Abstract (en)
[origin: US4767354A] A self-stripping electrical connector has a grounded bar formed with at least one threaded bore, a dielectric lower support part secured to the bar over the bore and formed with two adjacent outwardly open lower guide passages, a pair of electrically conductive and generally parallel lower tubes having lower ends formed with slots aligned with the respective lower passages and upper ends also formed with slots, and respective guides on the lower support part carrying the tubes for movement toward and away from the bar with the lower-end slots aligned with the respective lower passages. A dielectric upper support part overlies the lower part and is formed with two adjacent outwardly open upper guide passages aligned with the upper-end slots of the respective tubes. A screw is engageable through both of the parts and into the bore of the bar for pressing the upper part down on the lower part and for pressing the tubes down in the lower part and thereby wedging wires in the passages and aligned with the respective slots therein.

Abstract (fr)
Dispositif de connexion autodénudant selon la revendication 1 du brevet FR-A-2.541.049. Une seule vis métallique (10) permet de manoeuvrer simultanément deux éléments tubulaires (18,19), ou deux piles d'éléments tubulaires, parallèles. Cette vis réalise la mise à la masse par le fait qu'elle vient en prise dans une embase métallique (9).

IPC 1-7
H01R 4/24; **H01R 13/512**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 13/512** (2006.01)

CPC (source: EP KR US)
H01R 4/2458 (2013.01 - EP US); **H01R 11/20** (2013.01 - KR); **H01R 13/512** (2013.01 - EP US); **H01R 13/66** (2013.01 - EP US);
H01R 4/2416 (2013.01 - EP US)

Citation (search report)
• [AD] GB 2135530 A 19840830 - SOFYCOM SOC FAUCIGNY COMM
• [A] US 3935637 A 19760203 - BUNNELL EDWARD DENNMAN
• [A] GB 2115992 A 19830914 - MINNESOTA MINING & MFG

Cited by
FR2661565A1; EP0710040A1

Designated contracting state (EPC)
BE DE ES GB IT NL SE

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EP 0248743 A1 19871209; **EP 0248743 B1 19911002**; CA 1299688 C 19920428; DE 3773433 D1 19911107; ES 2026561 T3 19920501; FR 2598561 A2 19871113; FR 2598561 B2 19890519; IE 59667 B1 19940309; IE 871064 L 19871106; KR 880013268 A 19881130; KR 950004364 B1 19950428; NO 169686 B 19920413; NO 169686 C 19920722; NO 871863 D0 19870505; NO 871863 L 19871109; US 4767354 A 19880830; US RE33903 E 19920428

DOCDB simple family (application)
EP 87420120 A 19870505; CA 536349 A 19870505; DE 3773433 T 19870505; ES 87420120 T 19870505; FR 8606724 A 19860506; IE 106487 A 19870423; KR 870004055 A 19870427; NO 871863 A 19870505; US 4733987 A 19870506; US 56995190 A 19900820