

Title (en)  
Electrical connection device.

Title (de)  
Elektrisches Verbindungsgerät.

Title (fr)  
Dispositif de raccordement électrique.

Publication  
**EP 0093056 A1 19831102 (FR)**

Application  
**EP 83400806 A 19830422**

Priority  
FR 8207140 A 19820426

Abstract (en)  
[origin: US4518214A] A device for electrically connecting a cylindrical conductor, of the kind comprising at least one fork whose members each have a cutting edge, the conductor to be connected being forced in and gripped between such cutting edges, wherein each member of the fork is prolonged by an arm, the device also comprising a member for inserting and extracting the conductor to be connected, such member having a shape such that it can move the ends of the arms away from one another when the conductor is introduced and keep them apart to a distance such that the distance apart of the cutting edges at the level of the conductor is slightly less than its diameter.

Abstract (fr)  
La présente invention a pour objet un dispositif de raccordement électrique. Celui-ci comprend, de manière connue, une fourche (3) présentant deux arêtes tranchantes (6, 8) servant à maintenir le conducteur à raccorder, mais chacune des branches (2, 4) de la fourche est prolongée par un bras (14, 16) et une pièce d'insertion et d'extraction (21) maintient ces bras écartés à une valeur telle que l'écartement des arêtes tranchantes (6, 8) au niveau du conducteur soit seulement légèrement inférieur au diamètre de ce dernier pendant l'insertion du conducteur. Application au raccordement de câbles dans les installations électriques de répartition.

IPC 1-7  
**H01R 4/24**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 43/01** (2006.01)

CPC (source: EP US)  
**H01R 4/2425** (2013.01 - EP US); **H01R 43/015** (2013.01 - EP US); **Y10T 29/515** (2015.01 - EP US); **Y10T 29/53235** (2015.01 - EP US)

Citation (search report)  
• [A] BE 648254 A 19640916  
• [A] FR 2210843 A1 19740712 - BERG ELECTRONICS BV [NL]  
• [A] FR 2431780 A1 19800215 - YAMAICHI ELECTRIC MFG [JP]  
• [A] FR 2248629 A1 19750516 - BUNKER RAMO [US]

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**EP 0093056 A1 19831102**; **EP 0093056 B1 19861105**; CA 1207049 A 19860702; DE 3367487 D1 19861211; ES 279906 U 19850601; ES 279906 Y 19860116; ES 283085 U 19850801; ES 283085 Y 19860416; FR 2525824 A1 19831028; FR 2525824 B1 19840720; US 4518214 A 19850521

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