

Title (en)
MULTIPOLE PLUGGABLE COUPLING PART OF ELECTRICAL CONDUCTORS

Publication
EP 0317755 B1 19921111 (DE)

Application
EP 88117199 A 19881015

Priority
DE 3735205 A 19871017

Abstract (en)
[origin: US4846737A] A multiple pole coupling for electrical lines is disclosed in which plural contact elements are mounted in longitudinal passages in a coupling body. A first housing with a base plate and cover plate receives a slide with a set of slide passages therein for receiving contact elements. A set of base plate passages and a corresponding set of cover plate passages are disposed in the same pattern as the slide passages but the cover plate passages are laterally offset from the base plate passages. The slide is disposed in the housing in a first position with the passages therein being aligned respectively with the corresponding base plate passages. Each contact element extends through a base plate passage and is disposed partially in the base plate passage and partially in the corresponding slide passage. Each of the contact elements has a laterally extending abutment shoulder and each of the base plate passages has an enlarged portion adjacent the part of the contact element disposed therein. The slide is movable in the housing from the first position to a second position in which the aforesaid part of the contact element is disposed in the enlarged portion of the passage and in which the passages in the slide are aligned respectively with the cover plate passages. Also, in the second position, each of the abutment shoulders overlies a part of the base plate whereby the contact elements are held captive in the passages.

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H01R 13/436

IPC 8 full level
H01R 13/436 (2006.01); **H01R 13/50** (2006.01)

CPC (source: EP US)
H01R 13/436 (2013.01 - EP US); **H01R 13/50** (2013.01 - EP US)

Cited by
EP0929124A1; EP0522427A1; EP0723313A3; US5906519A; EP0871252A1; FR2761828A1; WO9636092A1

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