

Title (en)

Keyed electrical connectors with jackscrews.

Title (de)

Kodierte elektrische Steckverbinder mit Spindelschrauben.

Title (fr)

Connecteurs électriques codés à vis de fuseau.

Publication

EP 0416769 A1 19910313 (EN)

Application

EP 90308990 A 19900816

Priority

- US 40064089 A 19890830
- US 40085789 A 19890830

Abstract (en)

Keying and fastening of mating connectors (10,110) includes pairs of mating key members (30,130), ones (130) of which include central apertures (144) through which extend respective jackscrews (160) having threaded leading ends (162), and the others (30) of which have threaded apertures (34) into which the jackscrews threaded to fasten the connectors together after the pairs of keys permit connector mating. The keys (130) in which the jackscrews (160) are mounted permit rotating the jackscrews. The jackscrew leading ends (164) are recessed slightly behind the leading ends (136) of hood-like keying projections (132) of the key members for protection against damage and misalignment, The threaded apertures (34) of the other keys extend to the leading ends (36) of the keying projections (32) thereof which are adapted to receive the corresponding hood-like keying projections (132) in axial recesses along the outer surfaces extending about halfway around the circumference of the key (30).

IPC 1-7

H01R 13/645

IPC 8 full level

H01R 13/639 (2006.01); **H01R 13/645** (2006.01)

CPC (source: EP)

H01R 13/6453 (2013.01)

Citation (search report)

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- [X] US 3177461 A 19650406 - HAGAN THOMAS G, et al
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