

Title (en)

Connector for at least a pair of insulated conductors.

Title (de)

Verbinder für mindestens ein Paar isolierter Leiter.

Title (fr)

Connecteur pour au moins une paire de conducteurs isolés.

Publication

EP 0443264 A1 19910828 (EN)

Application

EP 90313885 A 19901219

Priority

DE 4005351 A 19900220

Abstract (en)

A connector for at least one pair of insulated conductors, particularly for telecommunication conductors, comprising a housing of plastic material including a base member (10) and a cover member (80), at least one pair of U-shaped contact elements (100,102) having legs forming a receiving slot (118,120,122,124) for penetrating the insulation of the conductors and contacting the conductors, and co-operating strain relief portions (44,46,48,50) on the base member and the cover member which deform the insulation and the conductor, respectively, when the base member (10) and the cover member (80) are pressed against each other. The strain relief has two integrally formed strain relief portions (44,46,48,50) inside of said base member (10), each including a clamping edge extending transverse to the longitudinal direction of the conductors. The clamping edges (68,70,72,74) are spaced a distance from each other transverse to the longitudinal direction of the conductors larger than twice the diameter of the conductors, and a projection (98) is provided inside of said cover member and positioned between the contact elements and said strain relief portions, to be driven between the conductors to press the conductors against the clamping edges of the base member (10). <IMAGE>

IPC 1-7

H01R 4/24

IPC 8 full level

H01R 4/24 (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP US)

H01R 4/2454 (2013.01 - EP US); **H01R 13/58** (2013.01 - EP)

Citation (search report)

- [A] US 3793611 A 19740219 - JOHANSSON R, et al
- [A] US 3511921 A 19700512 - PASTERNAK JOHN P
- [A] DE 3602812 A1 19870806 - FRAUNHOFER GES FORSCHUNG [DE]
- [A] DE 3708782 A1 19880929 - ROSE WALTER GMBH & CO KG [DE]
- [A] US 4679881 A 19870714 - GALVIN AARON A [US], et al

Cited by

EP0684662A1; FR2720551A1; US7867013B2

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