

Title (en)

Electrical connector for flat cable or wire bundles.

Title (de)

Elektrischer Verbinder für Flachkabel oder Drahtbündel.

Title (fr)

Connecteur électrique pour câble plat ou faisceaux de fils.

Publication

EP 0159115 A1 19851023 (EN)

Application

EP 85301232 A 19850225

Priority

US 59135284 A 19840319

Abstract (en)

An electrical connector comprises a housing having a pair of identical half-shells (12, 12 min) adapted to be clamped together to contain a terminal block (13) terminating individual conductors of a flat cable (15) or wire bundles (16). A pair of conductor locating members (18, 18 min) have opposite faces (31, 32) formed respectively with hooked flat cable engaging ribs (24) and wire bundle receiving openings (34) for clamping flat cable (15) or receiving wire bundles (16) between them respectively. A rear wall (22) of each housing shell (12, 12 min) is provided with knock-outs (27, 27 min) removable to provide apertures for wire bundles (16).

IPC 1-7

H01R 13/516; **H01R 13/585**

IPC 8 full level

H01R 13/58 (2006.01); **H01R 13/516** (2006.01); **H01R 13/585** (2006.01); **H01R 13/533** (2006.01)

CPC (source: EP)

H01R 13/516 (2013.01); **H01R 13/585** (2013.01); **H01R 12/77** (2013.01); **H01R 13/533** (2013.01)

Citation (search report)

- [A] DE 3046062 A1 19820609 - RAFI GMBH & CO [DE]
- [A] FR 2520945 A1 19830805 - ESSILOR INT [FR]
- [A] US 3994555 A 19761130 - KONNO KUNIO, et al
- [A] DE 1127429 B 19620412 - SIEMENS AG
- [A] EP 0080295 A1 19830601 - AMP INC [US]
- [A] EP 0059566 A1 19820908 - AMP INC [US]
- [A] DE 2146976 A1 19730322 - KUNERT WERNER
- [A] US 4108527 A 19780822 - DOUTY GEORGE HAROLD, et al
- [AD] US 3856376 A 19741224 - LOPEZ J, et al
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 25, no. 10, March 1983, pages 5374-5375, New York, US; P.G. BURNS et al.: "Double locking clamp for flat cable applications"

Cited by

EP0531554A1; AU675528B2; FR2765037A1; FR2683683A1

Designated contracting state (EPC)

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EP 0159115 A1 19851023; **EP 0159115 B1 19880601**; BR 8501157 A 19851112; DE 3563155 D1 19880707; ES 541355 A0 19861216; ES 8702744 A1 19861216; JP H0746620 B2 19950517; JP S60212981 A 19851025

DOCDB simple family (application)

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