

Title (en)

Wire connecting apparatus and the combination of the apparatus and an electrical connector.

Title (de)

Drahtverbindungsanordnung sowie Kombination der Vorrichtung und eines elektrischen Verbinders.

Title (fr)

Appareil pour connecter des fils et la combinaison de l'appareil et d'un connecteur électrique.

Publication

**EP 0002111 A1 19790530 (EN)**

Application

**EP 78300553 A 19781027**

Priority

- US 85017177 A 19771110
- US 85058477 A 19771111

Abstract (en)

The apparatus is adapted to connect wires in an electrical connector (10) comprising two housing parts (11, 13) relatively rotatable to effect the connection and comprises a frame (62) defining a connector feed path (63) extending to an operating station (64) means (81) biasing a series of connectors (10) in tandem relation sequentially along the path to the terminating station, guide ribs (67) on the frame for engaging complementary grooves (29) on one housing part (11) to maintain the one housing part in a predetermined rotational position while a force applying member (74, 78) rotates the other housing part. A stop (68) at an exit end of the feed path is aligned with a groove (48) in the connector (10) by the rotation to release the connector from the apparatus

IPC 1-7

**H01R 43/00**

IPC 8 full level

**H01R 43/055** (2006.01); **H01R 4/24** (2006.01); **H01R 4/50** (2006.01); **H01R 43/01** (2006.01)

CPC (source: EP)

**H01R 4/2429** (2013.01); **H01R 43/015** (2013.01)

C-Set (source: EP)

**H01R 4/242** + **H01R 43/015**

Citation (search report)

- [A] FR 2338592 A1 19770812 - AMP INC [US]
- [A] US 3707867 A 19730102 - MAYALA A
- [A] US 3980380 A 19760914 - CIENIAWA EDWARD A, et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0002113 A1 19790530**; AU 4109078 A 19800501; BR 7807357 A 19790515; BR 7807358 A 19790515; EP 0002111 A1 19790530; ES 474875 A1 19791101; ES 474876 A1 19791101; IT 1100028 B 19850928; IT 1100049 B 19850928; IT 7829328 A0 19781031; IT 7829329 A0 19781031; JP S5475584 A 19790616; JP S5475586 A 19790616

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**EP 78300556 A 19781027**; AU 4109078 A 19781026; BR 7807357 A 19781108; BR 7807358 A 19781108; EP 78300553 A 19781027; ES 474875 A 19781107; ES 474876 A 19781107; IT 2932878 A 19781031; IT 2932978 A 19781031; JP 13740678 A 19781109; JP 13740778 A 19781109