

Title (en)

APPARATUS FOR MANUFACTURING ELECTRICAL HARNESSSES

Publication

**EP 0177359 A3 19880504 (EN)**

Application

**EP 85307103 A 19851003**

Priority

JP 20887984 A 19841004

Abstract (en)

[origin: EP0177359A2] Automatic apparatus, for manufacturing electrical harnesses (50) comprising a plurality of wires (2A1) cut to a desired length and a multicontact type connector (3) attached to each of the ends of the wires (2A1), fixes the connectors (3) to the wires (2A1) in such a manner that their postures are completely reversed, thereby eliminating the necessity for twisting the wires (2A1) when connecting the harness (50) to electrical devices (51,52).

IPC 1-7

**H01R 43/28**

IPC 8 full level

**H01R 43/01** (2006.01); **H01B 13/012** (2006.01); **H01R 43/28** (2006.01)

CPC (source: EP)

**H01R 43/28** (2013.01)

Citation (search report)

- [X] DE 3223086 A1 19830728 - NIPPON ACCHAKUTANSHI SEIZO KK [JP]
- [Y] EP 0052486 A2 19820526 - BURNDY CORP [US]
- [YP] EP 0132092 A1 19850123 - NIPPON ACCHAKUTANSHI SEIZO KK [JP]

Cited by

US5427546A; US5015200A; CN1299403C

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0177359 A2 19860409; EP 0177359 A3 19880504**; JP H0142593 B2 19890913; JP S6188476 A 19860506

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**EP 85307103 A 19851003**; JP 20887984 A 19841004