

Title (en)

Method and apparatus for forming cable harnesses.

Title (de)

Verfahren und Einrichtung zur Gestaltung von Kabelbäumen.

Title (fr)

Procédé et dispositif pour former des harnais de câbles.

Publication

EP 0278135 A1 19880817 (EN)

Application

EP 87301131 A 19870210

Priority

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Abstract (en)

A method and apparatus (50) are disclosed in which an elongate strip of multi-conductor flat flexible cable (20) is fed by feeding means (22, 23) along a predetermined path of travel where it intersects with a pair of spaced apart, elongate strips (30, 31) of terminals. The strips (30, 31) of terminals (36, 37) are arranged with the terminals (36, 37) facing in opposite directions and predetermined lengths thereof are fed by feeding means (75) such that the predetermined lengths of the strips and the flexible cable (20) are in a superposed relation. Rows of terminals (36, 37) are separated from the strips of terminals and fastened by terminating means (110) to the flexible cable (20) in electrical conductive relation to the conductors (25) therein. This procedure is repeated at predetermined, spaced apart locations along the length of the elongation strip of flexible cable (20) to form interconnected cable harnesses of the cable (20) and terminals (36, 37). Simultaneously therewith, knife means (152, 153) form at least one weakened tear line in the flexible cable (20) between the rows of terminals so that the interconnected cable harnesses are separable when desired to be used.

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H01R 43/04

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] US 3924923 A 19751209 - SHOEMAKER JOHN ROBERT
- [A] DE 2024821 A1 19701126
- [AD] EP 0034433 A2 19810826 - AMP INC [US]
- [AD] FR 2382149 A1 19780922 - AMP INC [US]
- [AD] US 3774284 A 19731127 - COOTES H
- [AD] US 4290179 A 19810922 - BAKERMANS JOHANNES C W, et al

Cited by

DE102004043776B3; EP0386875A1; DE10161857A1; DE10161857C2; DE10136082C2; DE10136082C5; WO2007092982A1; WO03017437A1

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