

Title (en)

Sheathed electrical lead with elbow connector and manufacturing method thereof

Title (de)

Elektrisch verkleidetes Vorgelege mit gebogenem Verbinder und Verfahren zur dessen Herstellung

Title (fr)

Harnais électrique blindé à connecteur coudé et son procédé de fabrication

Publication

EP 1837956 A3 20090701 (FR)

Application

EP 07004721 A 20070307

Priority

FR 0602553 A 20060323

Abstract (en)

[origin: EP1837956A2] The harness has a thermoshrinkable tubular sleeve integrated to a part of conductors (22-24) extending inside a bent body or envelope (13). The sleeve is configured to co-operate with the bent body or envelope. A welding allowance permits the conductors to spin or twist, where the conductors are regrouped for forming a branch of wiring harness. The branch is protected by an electromechanical shielding braid (40) integrated to a cylindrical sleeve shaped end (31) of the bent body or envelope. An independent claim is also included for a method of fabricating a sheathed electrical/optical wiring harness.

IPC 8 full level

H01R 13/56 (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP US)

H01R 13/565 (2013.01 - EP US); **H01R 13/5808** (2013.01 - EP US); **Y10S 439/932** (2013.01 - EP US)

Citation (search report)

- [XA] US 3546658 A 19701208 - HORSSSEN ARDEN D VAN, et al
- [A] US 4310213 A 19820112 - FETTEROLF SR JAMES R, et al
- [A] DE 4201390 A1 19930722 - PHILIPS PATENTVERWALTUNG [DE]
- [A] FR 2444358 A1 19800711 - KABEL METALLWERKE GHH [DE]
- [A] US 6089874 A 20000718 - KROULIK ERWIN K [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1837956 A2 20070926; EP 1837956 A3 20090701; EP 1837956 B1 20150729; AU 2007201224 A1 20071011; AU 2007201224 B2 20100603; CN 101043109 A 20070926; CN 101043109 B 20111116; FR 2899027 A1 20070928; FR 2899027 B1 20110304; US 2007224852 A1 20070927; US 7374445 B2 20080520

DOCDB simple family (application)

EP 07004721 A 20070307; AU 2007201224 A 20070321; CN 200710089654 A 20070322; FR 0602553 A 20060323; US 72360707 A 20070321