

Title (en)

Electrical harness having an electrical connector with an electrical component therein and a method of making same

Title (de)

Elektrisches Kabelbaum mit elektrischem Verbinder mit elektrischem Bauteil darin und dessen Herstellungsverfahren

Title (fr)

Faisceau de câble électrique avec connecteur électrique et son composant électrique et son procédé de fabrication

Publication

EP 0698947 A2 19960228 (EN)

Application

EP 95305930 A 19950824

Priority

GB 9417215 A 19940825

Abstract (en)

A harness assembly (1) for an airbag system comprising a cable (16) and an electrical connector (2) for connecting conductors (18) of the cable (16) to terminals of a device where the connector (2) comprises: a housing (4); an electrical component (32) located within the housing (4) and having conductive members (34a,34b) thereupon for electrical connection therewith; a first electrical interconnection (86) for electrically connecting one of the conductors (18) to one of the conductive members (34a); a second electrical interconnection (88) for electrically connecting another one of the conductors (18) to one of the terminals; a third electrical interconnection for electrically connecting one of the other conductive members (34b) to one of the other terminals; a cover (8) for enclosing the interconnections (86,88) and the electrical component (32) within the housing (4); and, a strain relief (10) for isolating external forces exerted on the cable (16) from the interconnections (86,88). An overmoulded portion (12) seals the cover (8) and the housing (4) together and a strain relief tail (12) extends therefrom along the cable (16). <MATH> <MATH>

IPC 1-7

H01R 13/58; **H01R 13/66**

IPC 8 full level

B60R 16/02 (2006.01); **B60R 21/26** (2006.01); **F16G 13/16** (2006.01); **H01R 13/504** (2006.01); **H01R 13/58** (2006.01); **H01R 13/66** (2006.01); **H01R 24/20** (2011.01); **H01R 43/00** (2006.01); **H01R 12/68** (2011.01); **H01R 13/506** (2006.01)

CPC (source: EP KR)

H01R 4/24 (2013.01 - KR); **H01R 13/5845** (2013.01 - EP); **H01R 13/6608** (2013.01 - EP); **H01R 24/20** (2013.01 - EP); **H01R 43/00** (2013.01 - KR); **H01R 12/68** (2013.01 - EP); **H01R 13/506** (2013.01 - EP); **H01R 2103/00** (2013.01 - EP); **H01R 2201/26** (2013.01 - EP)

Citation (applicant)

- GB 2267188 A 19931124 - AMPHENOL TUCHEL ELECT [DE]
- EP 0600411 A1 19940608 - NALCO CHEMICAL CO [US]

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Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0698947 A2 19960228; **EP 0698947 A3 19960821**; BR 9503769 A 19970527; GB 9417215 D0 19941012; JP H0869851 A 19960312; KR 960009273 A 19960322

DOCDB simple family (application)

EP 95305930 A 19950824; BR 9503769 A 19950823; GB 9417215 A 19940825; JP 24099495 A 19950825; KR 19950025858 A 19950822