

Title (en)

Electric connector.

Title (de)

Elektrischer Verbinder.

Title (fr)

Connecteur électrique.

Publication

EP 0632534 A3 19960508 (DE)

Application

EP 94107961 A 19940524

Priority

DE 4317344 A 19930525

Abstract (en)

[origin: CA2124127A1] ABSTRACT For an electric connector, in particular between a generator and an electronic controller for inflatable restraint systems (airbags) in motor vehicles, with a connector housing for housing the contact tubes with leads, where a connector housing in the coupling position lifts a jumper, disposed in a receptacle for the generator-sided plug pins, from the plug pins, it is provided in order to simplify the assembly and mount the connector reliably on the generator, that the connector housing (1) exhibits an assembly opening (2), which can be closed by means of a cover member (11), that the cover member (11) can slide over the assembly opening (2) of the connector housing (1) and can be held at the connector housing (1) by means of a pin (16), arranged in front in the push-on direction, and guide elements (12, 13, 14, 15), attached to the front and rear regions of the longitudinal sides, and can be arrested at the connector housing (1) in a preclick-stop position and click-stop position by means of shoulders (21) designed on the longitudinal sides, and strip-shaped extensions (18), which reach in the click-stop position as the blocking element behind hook-shaped spring elements (19, 20), which are attached to the connector housing (1) and engage with recesses (24) of the generator (29), and prevent a return swing.

IPC 1-7

H01R 13/506

IPC 8 full level

B60R 16/02 (2006.01); **H01R 13/627** (2006.01); **H01R 13/639** (2006.01); **H01R 13/703** (2006.01); **H01R 13/719** (2011.01)

CPC (source: EP US)

H01R 13/6273 (2013.01 - EP US); **H01R 13/703** (2013.01 - EP US); **H01R 13/7197** (2013.01 - EP US)

Citation (search report)

- [A] GB 2077052 A 19811209 - HAYES DEREK
- [A] US 4070557 A 19780124 - OSTAPOVITCH HAROLD JOSEPH

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US5647757A; EP0869883A4; US5653606A; DE10151956C2; EP1378973A1; EP2211427A3; EP2211427A2; US6203342B1; EP2211427B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 4317344 A1 19941201; CA 2124127 A1 19941126; EP 0632534 A2 19950104; EP 0632534 A3 19960508; JP H07169530 A 19950704; US 5586902 A 19961224

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DE 4317344 A 19930525; CA 2124127 A 19940524; EP 94107961 A 19940524; JP 11004594 A 19940524; US 24799894 A 19940524