Title (en)
   Airbag connector

Title (de)
   Airbagverbinder

Title (fr)
   Connecteur d' airbag

Publication
   EP 2026421 B1 20100609 (EN)

Application
   EP 07015885 A 20070813

Priority
   EP 07015885 A 20070813

Abstract (en)
   [origin: EP2026421A1] An airbag electrical connector assembly comprising a socket connector (1) and a plug connector (2) having an actuator (6) for breaking the shorting condition of the shorting element (13) in the socket connector, and a CPA member (7) for latching the plug connector in a pre-mounted position within the socket connector and for locking the plug connector when the connectors (1, 2) are fully mated. The CPA member (7) includes a pair of locking legs (70) and spring arms (73). The locking legs are shifted through interspaces (24) between the latch arms (22) and the plug projection (21) into the locking position. The free end of each spring arm (73) of CPA member (7) is formed as a single lug (74) having a supporting surface (74a) for being supported on stop wall means in the plug housing (3) in the pre-mounted position of the connectors (1, 2), and first and second slanting surfaces (74b, 74c) on the lug (74) for cooperating with an inner insert wall (17) of the socket connector for deflecting the spring arm (73) to come free from the stop wall means, and for being latched behind the stop wall means.

IPC 8 full level
   H01R 13/627 (2006.01); **H01R 13/641** (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP)
   H01R 13/6273 (2013.01); **H01R 13/641** (2013.01); H01R 13/7032 (2013.01); H01R 2201/26 (2013.01)

Cited by
   DE112010005834B4; EP2587593A1; EP2822107A1; EP3979433A1; US9172187B2; US9147971B2; WO2013015451A3; DE112010005834T5; US9130306B2; US9325114B2; WO2011151181A1; WO2012030335A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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   EP 07015885 A 20070813; AT 07015885 T 20070813; BR PI0815486 A 20080812; CN 200880111846 A 20080812; DE 602007007080 T 20070813; JP 2010521011 A 20080812; KR 20107005479 A 20080812; US 2008009650 W 20080812