

Title (en)

Clamshell connector for airbag gas generator

Title (de)

Steckverbinder mit Zweischalenteilen für Airbag Gasgenerator

Title (fr)

Connecteur avec parties à deux coques pour générateur de gas d'airbag

Publication

**EP 1150389 A1 20011031 (EN)**

Application

**EP 01303752 A 20010425**

Priority

US 55713200 A 20000425

Abstract (en)

A connector (10) for an automobile airbag gas generator assembly requires only a single operator action to establish both mechanical and electrical engagement with a mating socket connector (26) and three independent operator actions to disengage the connector from the socket connector. A further embodiment of the connector of the present invention provides a clamshell housing (212) and cover (214) to the connector thereby allowing an installer to terminate electrical conductors directly to the contacts within the connector. The connectors of the present invention may support either an inductor coil or a ferrite bead for suppressing induced currents. The connector of the present invention may terminate both standard round cables and flat cables. <IMAGE>

IPC 1-7

**H01R 13/50**

IPC 8 full level

**B01J 7/02** (2006.01); **H01R 13/42** (2006.01); **H01R 13/50** (2006.01); **H01R 13/506** (2006.01); **H01R 13/703** (2006.01); **H01R 31/08** (2006.01)

CPC (source: EP)

**H01R 13/501** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)

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- [A] DE 19517431 C1 19960627 - DELPHI AUTOMOTIVE SYSTEMS GMBH [DE]
- [A] US 5154639 A 19921013 - KNOLL RUDOLF [DE], et al

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