

Title (en)

Orientationless squib connector assembly for automotive air bag assemblies

Title (de)

Richtungsfreie Zündpille-Anschlusseinrichtung für Kraftfahrzeug-Luftsacksysteme

Title (fr)

Ensemble connecteur d'amorce exempt d'orientation pour un airbag d'automobile

Publication

EP 1378973 B1 20070110 (EN)

Application

EP 03076867 A 19970811

Priority

- EP 97938274 A 19970811
- US 2401796 P 19960812
- US 2986396 P 19961101
- US 3568097 P 19970124

Abstract (en)

[origin: EP1378973A1] An orientationless squib connector assembly for automotive air bag assemblies is disclosed. A single initiator pin is provided axially aligned within a squib socket. An annular ground plate surrounds the initiator pin near the base of the socket. An associated connector includes a first, axially located terminal for electrical contact with the initiator pin and a second terminal comprising a depending beam radially aligned with the first terminal for electrically contacting the ground plate at any rotational orientation of the connector with respect to the socket. Eliminating a required rotational orientation of the connector simplifies its manufacture and assembly and its incorporation into a vehicle. Preferably, the entering wires are also axially aligned with the first and second terminals. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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