

Title (en)

Pressure-tight connection of an electronic detonator

Title (de)

Druckdichte Kontaktverbindung einer Zünderelektronik

Title (fr)

Connexion étanche à la pression d'un détonateur électronique

Publication

EP 1737071 A3 20080709 (DE)

Application

EP 06012355 A 20060616

Priority

DE 102005029325 A 20050624

Abstract (en)

[origin: EP1737071A2] The connection has a contact pin (34) isolated and pressure-tight projected on a housing (10) for contacting a connecting unit (12). The connecting unit has a contact surface unit provided in an insulated housing, where the surface unit has a contact finger in an area of a through hole. The contact finger is positively clawed in an assembled contact condition of the connecting unit and the housing with the contact pin.

IPC 8 full level

H01R 4/48 (2006.01); **H01R 4/52** (2006.01)

CPC (source: EP US)

F42C 19/06 (2013.01 - EP US); **H01R 4/48** (2013.01 - EP US); **H01R 13/111** (2013.01 - EP US); **H01R 13/533** (2013.01 - EP US); **H01R 11/28** (2013.01 - EP US)

Citation (search report)

- [XY] EP 1429425 A1 20040616 - WABCO GMBH & CO OHG [DE]
- [Y] US 2003013352 A1 20030116 - MACHADO MANUEL [US]
- [A] US 3605076 A 19710914 - DOZIER HILLIARD
- [A] EP 0892463 A2 19990120 - VOSSLOH SCHWABE GMBH [DE]
- [A] EP 0130719 A2 19850109 - HITACHI LTD [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1737071 A2 20061227; **EP 1737071 A3 20080709**; DE 102005029325 A1 20070104; DE 102005029325 B4 20070405; NO 20062939 L 20061227; US 2006288852 A1 20061228; US 7491099 B2 20090217

DOCDB simple family (application)

EP 06012355 A 20060616; DE 102005029325 A 20050624; NO 20062939 A 20060623; US 43196306 A 20060511