

Title (en)

Device with an explosion-proof connector

Title (de)

Geräteeinheit mit einer explosionsgeschützten Steckvorrichtung

Title (fr)

Appareil avec un connecteur antidéflagrant

Publication

**EP 2267847 A1 20101229 (DE)**

Application

**EP 09007852 A 20090616**

Priority

EP 09007852 A 20090616

Abstract (en)

The indicator unit has a plug device which has a receiving part and an inserting part corresponding to the receiving part. The receiving part has an electrical contact bearing. The inserting part has an electrical contact pin inserted into the contact bearing. A cylindrical wall of the inserting part and a cylindrical wall of the receiving part grip each other to overlap each other.

Abstract (de)

Geräteeinheit mit einer Steckvorrichtung, die ein Aufnahmeteil mit mindestens einem elektrischen Kontaktlager und ein mit dem Aufnahmeteil korrespondierendes Einsteckteil aufweist, das mindestens einen in das Kontaktlager einsetzbaren elektrischen Kontaktbolzen besitzt, wobei eine zylinderförmige Wandung des Einsteckteils und eine ebenfalls zylinderförmige Wand des Aufnahmeteils einander überlappend ineinander greifen.

IPC 8 full level

**H01R 13/53** (2006.01); **H01R 13/62** (2006.01)

CPC (source: EP)

**H01R 13/53** (2013.01); **H01R 13/62** (2013.01)

Citation (applicant)

- US 2047126 A 19360707 - HASTINGS HAROLD P
- US 2806213 A 19570910 - PETREE JAY R
- US 4166664 A 19790904 - HERRMANN HENRY O JR [US]
- DE 1490183 A1 19690102 - PYLE NATIONAL CO
- US 2626974 A 19530127 - HOWARD JOHN G, et al
- DE 19907846 C1 20000921 - ABB PATENT GMBH [DE]

Citation (search report)

- [X] US 2047126 A 19360707 - HASTINGS HAROLD P
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- [X] DE 1490183 A1 19690102 - PYLE NATIONAL CO
- [X] US 2626974 A 19530127 - HOWARD JOHN G, et al
- [A] DE 19907846 C1 20000921 - ABB PATENT GMBH [DE]
- [T] ALLEN-BRADLEY: "Zone Hazardous Location", 20011001, 1 October 2001 (2001-10-01), pages 1 - 26, XP002555999, Retrieved from the Internet <URL:http://literature.rockwellautomation.com/idc/groups/literature/documents/wp/800-wp004\_-en-p.pdf> [retrieved on 20091118]
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- [T] "Engineer's Guide Pepperl+Fuchs passage", pages 1 - 90, XP002556001, Retrieved from the Internet <URL:http://www.am.pepperl-fuchs.com/pdf/documents/eg06\_p007-96\_engineer\_guide.pdf> [retrieved on 20091118]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2267847 A1 20101229; EP 2267847 B1 20160824**

DOCDB simple family (application)

**EP 09007852 A 20090616**