

Title (en)

ELECTRICAL DEVICE HAVING AN EXPLOSION-PROOF PLUG-IN CONNECTION

Title (de)

ELEKTRISCHE EINRICHTUNG MIT EXPLOSIONSGESCHÜTZTER STECKVERBINDUNG

Title (fr)

DISPOSITIF ÉLECTRIQUE COMPRENANT UN CONNECTEUR PROTÉGÉ CONTRE LES EXPLOSIONS

Publication

EP 2880720 A1 20150610 (DE)

Application

EP 13735308 A 20130711

Priority

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- EP 2013064728 W 20130711

Abstract (en)

[origin: WO2014019832A1] The invention relates to an electrical device having a plug-in connection device (15), which is used to open and close an electrical circuit (24). The plug-in connection device (15) contains at least two contact/mating-contact pairs (22, 23), which have different ignition protection types. At least one of the two contact/mating-contact pairs is designed to interrupt the current running through said contact/mating-contact pair without triggering an explosion. (Ignition protection type Ex d or Ex i.) The other contact/mating-contact pair (23) opens and closes in the currentless state. Therefore, the other contact/mating-contact pair can have a second ignition protection type, such as Ex e.

IPC 8 full level

H01R 13/53 (2006.01); **H01R 13/703** (2006.01)

CPC (source: CN EP US)

H01R 13/53 (2013.01 - US); **H01R 13/703** (2013.01 - CN); **H01R 13/7036** (2013.01 - EP US); **H01R 13/53** (2013.01 - CN)

Citation (search report)

See references of WO 2014019832A1

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