

Title (en)

ELECTRICAL ARRANGEMENT FOR USE IN A HIGH PRESSURE ENVIRONMENT

Title (de)

ELEKTRISCHE ANORDNUNG ZUR VERWENDUNG IN EINER HOCHDRUCKUMGEBUNG

Title (fr)

SYSTÈME ÉLECTRIQUE DESTINÉ À ÊTRE UTILISÉ DANS UN ENVIRONNEMENT HAUTE PRESSION

Publication

EP 3312867 A1 20180425 (EN)

Application

EP 16194526 A 20161019

Priority

EP 16194526 A 20161019

Abstract (en)

An electrical arrangement (100) is described, in particular an electrical fuse, for use in a high pressure environment, comprising an electrical element (110) and an enclosure (120) which is fully surrounding the electrical element (110), thereby defining a volume in which the electrical element (110) is arranged, wherein the enclosure (120) is configured for being permeable for a liquid and for being impermeable for solid particles. Furthermore, an electronic device (200) is described which comprises the electrical arrangement (100). In addition, a method of manufacturing the electrical arrangement (100) is described.

IPC 8 full level

H01H 85/165 (2006.01); **H01H 85/40** (2006.01)

CPC (source: EP)

H01H 85/165 (2013.01); **H01H 85/40** (2013.01); **H01H 85/003** (2013.01); **H01H 85/0078** (2013.01); **H01H 85/18** (2013.01)

Citation (applicant)

- EP 2492947 A1 20120829 - SIEMENS AG [DE]
- WO 2015022171 A1 20150219 - SIEMENS AG [DE]
- EP 3016128 A1 20160504 - SIEMENS AG [DE]

Citation (search report)

- [XAI] GB 401334 A 19331031 - ROBERT HENRY ABELL
- [A] US 2005077994 A1 20050414 - MARTIN DONALD R [US], et al
- [AD] EP 2492947 A1 20120829 - SIEMENS AG [DE]
- [AD] WO 2015022171 A1 20150219 - SIEMENS AG [DE]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3312867 A1 20180425; WO 2018072914 A1 20180426

DOCDB simple family (application)

EP 16194526 A 20161019; EP 2017071044 W 20170821