

Title (en)
FUSE WITH INSULATED PLUGS

Title (de)
SICHERUNG MIT ISOLIERTEN STECKERN

Title (fr)
FUSIBLE DOTÉ DE BOUCHONS ISOLÉS

Publication
EP 2771899 A4 20150805 (EN)

Application
EP 12842772 A 20121024

Priority
• US 201113282638 A 20111027
• US 201261652401 P 20120529
• US 2012061579 W 20121024

Abstract (en)
[origin: WO2013063037A1] An improved fuse including a fuse body formed of an electrically insulative material. The fuse body defines a cavity which extends from a first end of the fuse body to a second end of the fuse body. A fusible element is disposed within the cavity and extends from a first end face of the first end of the fuse body to a second end face of the second end of the fuse body. Insulated plugs are disposed within the cavity at the first and second ends of the fuse body wherein the plugs adhere to an interior surface of the fuse body and form seals that close the internal cavity. The fuse may further include end terminations that are applied to the ends of the fuse body in electrical contact with the fusible element.

IPC 8 full level
H01H 85/30 (2006.01); **H01H 69/02** (2006.01); **H01H 85/00** (2006.01); **H01H 85/165** (2006.01); **H01H 85/38** (2006.01); **H01H 85/041** (2006.01)

CPC (source: EP)
H01H 69/02 (2013.01); **H01H 85/0021** (2013.01); **H01H 85/165** (2013.01); **H01H 85/38** (2013.01); **H01H 85/0418** (2013.01); **H01H 2085/0412** (2013.01); **H01H 2085/0414** (2013.01); **H01H 2085/383** (2013.01)

Citation (search report)
• [XII] US 5617069 A 19970401 - ARIKAWA HIROO [JP], et al
• [XAI] US 4656453 A 19870407 - REEDER CONRAD M [US]
• [XAI] US 2005057337 A1 20050317 - RICHTER LUDGER [DE], et al
• [XAI] US 2004183646 A1 20040923 - JOLLENBECK ANDRE [DE], et al
• [XAI] US 5235307 A 19930810 - OH SEIBANG [US]
• [A] US 5262750 A 19931116 - GUREVICH LEON [US]
• [A] US 6507265 B1 20030114 - ACKERMANN JOHN MARVIN [US]
• [A] US 2009309689 A1 20091217 - PAVLOVIC SLOBADAN [US], et al
• See references of WO 2013063037A1

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)
WO 2013063037 A1 20130502; CN 103890893 A 20140625; CN 103890893 B 20170201; EP 2771899 A1 20140903; EP 2771899 A4 20150805; EP 2771899 B1 20170111; EP 3142137 A1 20170315; EP 3142137 B1 20181212; JP 2014534584 A 20141218; JP 5782196 B2 20150924

DOCDB simple family (application)
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