

Title (en)

FUSE APPARATUS AND MANUFACTURING METHOD THEREOF

Title (de)

SICHERUNGSVORRICHTUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

APPAREIL FUSIBLE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2867914 A4 20160309 (EN)

Application

EP 13808521 A 20130619

Priority

- KR 20120071189 A 20120629
- KR 2013005386 W 20130619

Abstract (en)

[origin: WO2014003353A1] A vehicle fuse apparatus especially applied to a vehicle battery pack of a high voltage, for example 450 V or more, for an electric car or a hybrid car, and a manufacturing method thereof are disclosed. The fuse apparatus is connected to a housing of the battery pack including a plurality of battery cells. The fuse apparatus may include a fuse assembly provided with a fuse including a first bus bar and a second bus bar electrically connected with the vehicle battery pack, and a first lead wire and a second lead wire, and the first lead wire and the second lead wire are inserted and fixed in the first bus bar and the second bus bar. Accordingly, a vehicle fuse for a high voltage such as 450V or more of a vehicle battery pack applied to an electric car or a hybrid car may be provided. Furthermore, a contact resistance may be minimized.

IPC 8 full level

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CPC (source: CN EP KR)

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Citation (search report)

- [X] DE 10009605 A1 20001019 - YAZAKI CORP [JP]
- [XA] DE 29918664 U1 19991230 - LIANG SHIH TSUNG [TW]
- [A] US 2738486 A 19560313 - WADSWORTH HOWARD M
- [XA] GB 1075446 A 19670712 - FEDERICO GARCIA ROCHE
- [A] FR 2393505 A1 19781229 - AST IND SARL [FR]
- See references of WO 2014003353A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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