

Title (en)

Pyrotechnic excess current protection element

Title (de)

Pyrotechnisches Hochstromsicherungselement

Title (fr)

Élément pyrotechnique de protection contre un courant excessif

Publication

**EP 0690466 B1 19981223 (DE)**

Application

**EP 95109677 A 19950622**

Priority

DE 4422177 A 19940628

Abstract (en)

[origin: EP0690466A1] A high power electrical safety fuse has a housing (12) of non-conducting material. The housing has a bore (7) with a sealing plug (13) into which is set a pyrotechnical charge (2). When the charge is activated gas pressure is generated (6) and this displaces a contact bolt (5). The bolt moves to break the electrical connection between a pair of power rails (4a, 4b). <IMAGE>

IPC 1-7

**H01H 39/00**

IPC 8 full level

**H01H 73/34** (2006.01); **H01H 39/00** (2006.01); **H01H 85/0445** (2006.01); **H01H 9/16** (2006.01); **H01H 71/12** (2006.01); **H01H 83/20** (2006.01)

CPC (source: EP KR US)

**H01H 9/16** (2013.01 - KR); **H01H 39/00** (2013.01 - EP KR US); **H01H 71/123** (2013.01 - KR); **H01H 83/20** (2013.01 - KR);  
**H01H 9/16** (2013.01 - EP US); **H01H 71/123** (2013.01 - EP US); **H01H 83/20** (2013.01 - EP US); **H01H 2039/008** (2013.01 - EP KR US)

Cited by

FR2953322A1; FR2992770A1; EP1464544A3; US11875960B2; US10236148B2; US9418807B2; WO2021219286A1; WO9741582A1;  
WO2014001713A1; WO2016015719A3

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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DE 59504611 D1 19990204; ES 2125522 T3 19990301; JP H0845405 A 19960216; KR 960003011 A 19960126; US 5783987 A 19980721

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JP 16261895 A 19950628; KR 19950017405 A 19950626; US 49457195 A 19950622