

Title (en)

Fuse element with a temporary quasi-hermetic sealing of the interior

Title (de)

Schmelzsicherungsbauelement mit einer temporär quasi-hermetischen Abdichtung des Innenraums

Title (fr)

Fusible avec une étanchéité temporaire quasi-hermétique de l'intérieur

Publication

EP 1455375 B1 20100106 (DE)

Application

EP 03004735 A 20030304

Priority

EP 03004735 A 20030304

Abstract (en)

[origin: EP1455375A1] A fuse comprises a fusing wire (2) in a gas-filled interior space (3) of an end-capped small tube (4) with elastic sealing elements (7,8) having narrow channels giving very slow gas pressure equalization so that arcing on fuse breaking is quenched.

IPC 8 full level

H01H 85/041 (2006.01); **H01H 85/045** (2006.01); **H01H 85/08** (2006.01); **H01H 85/143** (2006.01); **H01H 85/175** (2006.01); **H01H 85/157** (2006.01)

CPC (source: EP US)

H01H 85/0418 (2013.01 - EP US); **H01H 85/157** (2013.01 - EP US)

Cited by

DE102019122611A1; US11901149B2; DE202015101840U1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1455375 A1 20040908; **EP 1455375 B1 20100106**; CN 100350540 C 20071121; CN 1530994 A 20040922; DE 50312316 D1 20100225; JP 2004342590 A 20041202; JP 3970854 B2 20070905; US 2004183646 A1 20040923; US 7138899 B2 20061121

DOCDB simple family (application)

EP 03004735 A 20030304; CN 200410007894 A 20040303; DE 50312316 T 20030304; JP 2004057045 A 20040302; US 78821504 A 20040226