

Title (en)
ELECTRIC PROTECTION ELEMENT WITH A SHORT CIRCUIT DEVICE

Title (de)
ELEKTRISCHES SCHUTZBAUELEMENT MIT KURZSCHLUSSEINRICHTUNG

Title (fr)
COMPOSANT DE PROTECTION ELECTRIQUE A DISPOSITIF DE COURT-CIRCUIT

Publication
EP 2238659 B1 20111109 (DE)

Application
EP 09706809 A 20090127

Priority

- EP 2009000515 W 20090127
- DE 102008006991 A 20080131
- DE 102008022794 A 20080508

Abstract (en)
[origin: US2011013335A1] An electrical protection component with a short-circuiting device includes a gas-filled surge arrester that includes at least two electrodes. Preferably, one electrode in each case is arranged at the ends of the surge arrester. The electrical protection component has a thermal short-circuiting device, wherein the thermal short-circuiting device includes a clip having at least two sections. At least a first section of the clip is attached to the surge arrester by snap action. At least a second section of the clip at least partly surrounds the first section and is spaced apart from the first section by means of a fusible element. The second section has a short-circuiting link at an end. The short-circuiting link electrically connects the electrodes of the surge arrester to one another in the case where the fusible element melts.

IPC 8 full level
H01T 1/14 (2006.01)

CPC (source: EP US)
H01T 1/14 (2013.01 - EP US)

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
US 2011013335 A1 20110120; US 8203819 B2 20120619; AT E533213 T1 20111115; CN 101983462 A 20110302; CN 101983462 B 20130313; DE 102008022794 A1 20090806; EP 2238659 A1 20101013; EP 2238659 B1 20111109; JP 2011511406 A 20110407; JP 5303576 B2 20131002; KR 20100117614 A 20101103; WO 2009095206 A1 20090806

DOCDB simple family (application)
US 84361310 A 20100726; AT 09706809 T 20090127; CN 200980111985 A 20090127; DE 102008022794 A 20080508; EP 09706809 A 20090127; EP 2009000515 W 20090127; JP 2010544626 A 20090127; KR 20107018565 A 20090127