

Title (en)

ARC SPLITTER FOR AN ARCING CHAMBER

Title (de)

LÖSCHBLECH FÜR EINE LICHTBOGEN-LÖSCHKAMMER

Title (fr)

TOLE DE DESIONISATION POUR UNE CHAMBRE D'EXTINCTION D'ARC

Publication

EP 1782445 A1 20070509 (DE)

Application

EP 05769739 A 20050723

Priority

- EP 2005008044 W 20050723
- DE 102004036113 A 20040724

Abstract (en)

[origin: WO2006010572A1] The invention relates to a coated arc splitter made of a ferromagnetic material for use in an arcing chamber. The invention provides that the arc splitter has a layer made of a composite material consisting of at least two constituents of which the first constituent is electrically conductive, has a melting point which does not exceed that of the ferromagnetic material, and has a vaporization point which does not exceed that of the ferromagnetic material, and of which the second component has a melting point higher than that of the first constituent, and has a vaporization point higher than that of the first constituent.

IPC 8 full level

H01H 33/76 (2006.01); **C22C 32/00** (2006.01); **H01H 9/36** (2006.01)

CPC (source: EP US)

H01H 9/36 (2013.01 - EP US); **H01H 33/765** (2013.01 - EP US); **H01H 1/021** (2013.01 - EP US); **H01H 33/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2006010572A1

Citation (examination)

- Retrieved from the Internet <URL:<http://web.archive.org/web/20041110184724/http://amidoduco.com/de/cm2.html>> [retrieved on 20081113]
- AMI DODUCO: "Kontaktwerkstoffe", 31 December 2003, AMI DODUCO, XP007906390

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006010572 A1 20060202; BR PI0513769 A 20080520; CN 101023504 A 20070822; DE 102004036113 A1 20060316; DE 102004036113 B4 20061005; EP 1782445 A1 20070509; JP 2008507810 A 20080313; JP 4959560 B2 20120627; RU 2007106424 A 20080910; US 2008135524 A1 20080612

DOCDB simple family (application)

EP 2005008044 W 20050723; BR PI0513769 A 20050723; CN 200580031442 A 20050723; DE 102004036113 A 20040724; EP 05769739 A 20050723; JP 2007521915 A 20050723; RU 2007106424 A 20050723; US 65832605 A 20050723