

Title (en)

Disconnecter, in particular for a railway vehicle

Title (de)

Trennvorrichtung, insbesondere für Schienenfahrzeug

Title (fr)

Dispositif de disjonction, notamment pour un véhicule ferroviaire.

Publication

EP 1956620 A3 20080917 (FR)

Application

EP 08101175 A 20080131

Priority

FR 0753173 A 20070209

Abstract (en)

[origin: EP1956620A2] The device (14) has a circuit-breaker (19) including a body (26) with a switching unit and a channel (28) for extinction of an electric arc produced during a disconnection. A wall (42) has an evacuation opening (42A) with a flap (46) movable between closing and opening positions. The channel has a rectilinear central duct (38) that defines an axis (X-X) permitting propagation of the arc and is delimited by metallic fragmentation plates arranged laterally around the duct. The flap and the switching unit are arranged along the axis of the channel.

IPC 8 full level

H01H 9/34 (2006.01); **H02B 13/025** (2006.01)

CPC (source: EP)

H01H 9/342 (2013.01); **H01H 9/362** (2013.01); **H01H 2009/343** (2013.01)

Citation (search report)

- [A] US 5892195 A 19990406 - AUFERMANN ALBERT H [DE], et al
- [A] FR 2794296 A1 20001201 - ALSTOM [FR]
- [A] CH 82148 A 19200102 - BBC BROWN BOVERI & CIE [CH]
- [A] DE 1048626 B

Cited by

FR3120043A1; EP3696839A1; FR3092705A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1956620 A2 20080813; **EP 1956620 A3 20080917**; **EP 1956620 B1 20111116**; CN 101257193 A 20080903; CN 101257193 B 20120704; ES 2373274 T3 20120201; FR 2912546 A1 20080815; FR 2912546 B1 20090501; RU 2008104917 A 20090820; RU 2450942 C2 20120520

DOCDB simple family (application)

EP 08101175 A 20080131; CN 200810095110 A 20080204; ES 08101175 T 20080131; FR 0753173 A 20070209; RU 2008104917 A 20080208