

Title (en)

Electrical switching device having a vacuum bottle and a flexible electrical connection

Title (de)

Elektrisches Schaltgerät mit einer Vakuumröhre und eine flexible elektrische Verbindung

Title (fr)

Appareillage électrique de coupure comportant une ampoule à vide et une liaison électrique flexible

Publication

**EP 1139358 B1 20051005 (FR)**

Application

**EP 01410020 A 20010216**

Priority

FR 0004154 A 20000331

Abstract (en)

[origin: EP1139358A1] The circuit breaker has a vacuum tube (10) with a pair of contacts (22,24). One of the contacts extends to form a metal spoke (32) . The spoke protrudes outside the chamber. A flexible electrical connection (50) connects the spoke to a metallic strip. The metallic strip as are soldered forming a monoblock assembly.

IPC 1-7

**H01H 1/58**

IPC 8 full level

**B23K 1/00** (2006.01); **B23K 35/30** (2006.01); **H01H 1/58** (2006.01); **H01H 33/24** (2006.01); **H01H 33/66** (2006.01); **H01H 33/664** (2006.01); **H01R 4/02** (2006.01); **B23K 101/36** (2006.01)

CPC (source: EP US)

**H01H 1/5822** (2013.01 - EP US); **H01H 33/24** (2013.01 - EP US); **H01H 33/6641** (2013.01 - EP US); **H01H 33/6606** (2013.01 - EP US); **H01H 33/66238** (2013.01 - EP US); **H01H 33/666** (2013.01 - EP US); **H01H 2001/5827** (2013.01 - EP US); **H01H 2033/6613** (2013.01 - EP US)

Cited by

EP2996131A1; EP2166550A1; CN101685726A; DE102008059670B3; US2016064171A1; US9425006B2; US8859927B2; US10049840B2; WO2006032626A1; EP3300097B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1139358 A1 20011004**; **EP 1139358 B1 20051005**; BR 0101164 A 20011030; CN 1172342 C 20041020; CN 1319864 A 20011031; DE 60113755 D1 20051110; DE 60113755 T2 20060629; EA 003757 B1 20030828; EA 200100305 A2 20011022; EA 200100305 A3 20011224; FR 2808117 A1 20011026; FR 2808117 B1 20030124; JP 2002025399 A 20020125; JP 4717242 B2 20110706; MY 117079 A 20040430; PL 198748 B1 20080731; PL 346602 A1 20011008; TW 517255 B 20030111; US 2001025830 A1 20011004; US 6410875 B2 20020625

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