

Title (en)

METHOD FOR OPENING THE CONTACT GAP OF A VACUUM INTERRUPTER

Title (de)

VERFAHREN ZUM ÖFFNEN DER SCHALTSTRECKE EINER VAKUUMSCHALTROHRE

Title (fr)

PROCEDE D'OUVERTURE DE L'ESPACE ENTRE LES CONTACTS D'UN INTERRUPTEUR A VIDE

Publication

EP 1292960 B1 20031203 (DE)

Application

EP 01944974 A 20010606

Priority

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Abstract (en)

[origin: WO0199133A1] the aim of the invention is to improve the breaking ability of vacuum interrupter in the medium- and high-voltage range. Said aim is achieved whereby the contact pieces which may be displaced relative to each other are moved with a relatively high speed during a first phase (S1) of the separation process until about 1/4 to 1/2 of the ultimate separation (extinction stroke Eh) and are brought to the given ultimate separation (isolating stroke Eh) during a second phase (S2) with relatively low speed.

IPC 1-7

H01H 33/66; **H01H 3/60**

IPC 8 full level

H01H 33/66 (2006.01); **H01H 3/60** (2006.01); **H01H 33/42** (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP US)

H01H 3/60 (2013.01 - EP US); **H01H 33/666** (2013.01 - EP US); **H01H 2009/307** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US); **Y10T 29/49105** (2015.01 - EP US); **Y10T 29/49204** (2015.01 - EP US); **Y10T 29/49208** (2015.01 - EP US)

Cited by

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WO 0199133 A1 20011227; CN 1227689 C 20051116; CN 1437757 A 20030820; DE 10030187 A1 20020103; DE 50101092 D1 20040115; EP 1292960 A1 20030319; EP 1292960 B1 20031203; JP 2003536222 A 20031202; US 2004124178 A1 20040701; US 7334319 B2 20080226

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