

Title (en)

Vacuum switch with increased current load capacity

Title (de)

Vakuumschalter mit grosser Stromtragfähigkeit

Title (fr)

Interrupteur à vide avec une intensité de courant admissible élevée

Publication

**EP 1672655 A1 20060621 (DE)**

Application

**EP 04405786 A 20041220**

Priority

EP 04405786 A 20041220

Abstract (en)

A vacuum switch chamber has first and second contact pieces (11;12) for switching an electric current flowing through the vacuum chamber. To remove heat arising from the electric current in the vacuum chamber, at least one heat tube (1) is provided.

IPC 8 full level

**H01H 1/62** (2006.01)

CPC (source: EP US)

**H01H 1/62** (2013.01 - EP US); **H01H 33/6606** (2013.01 - EP US); **H01H 2009/523** (2013.01 - EP US); **H01H 2033/6613** (2013.01 - EP US)

Citation (search report)

- [X] DE 3941388 A1 19910620 - SACHSENWERK AG [DE]
- [X] US 4005297 A 19770125 - CLEVELAND CHARLES M
- [X] EP 1022758 A2 20000726 - MOELLER GMBH [DE]

Cited by

DE102015208696A1; DE102011075990A1; DE102011075990B4; EP2276046A1; CN101958200A; US9997302B2; WO2016005197A1; EP2525454A2; US7771114B2; WO2016180575A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1672655 A1 20060621**; AT E391337 T1 20080415; CN 100570781 C 20091216; CN 101080792 A 20071128; DE 502005003599 D1 20080515; EP 1831903 A1 20070912; EP 1831903 B1 20080402; JP 2008524814 A 20080710; US 2008000879 A1 20080103; US 7471495 B2 20081230; WO 2006066427 A1 20060629

DOCDB simple family (application)

**EP 04405786 A 20041220**; AT 05812681 T 20051214; CH 2005000748 W 20051214; CN 200580043445 A 20051214; DE 502005003599 T 20051214; EP 05812681 A 20051214; JP 2007547138 A 20051214; US 81231607 A 20070618