

Title (en)
Vacuum switch

Title (de)
Vakuumschalter

Title (fr)
Interrupteur à vide

Publication
EP 1901324 B1 20110622 (DE)

Application
EP 07014808 A 20070727

Priority
DE 102006043632 A 20060918

Abstract (en)
[origin: EP1901324A2] The vacuum switch (1) has two switch contacts and an drive system (3) with a switch rod (5) moving a switch contact. The drive system has a main spring (6) carrying the switch rod from an open position into a switching position, and a drive that is an electric motor drive, for clamping the main spring. A lock mechanism (11) for locking the main spring in clamping position and a halting latch supported in pivoted manner. The switch rod is released in a pivoted locking position of the halting latch by pivoting the halting latch for carrying the switching position into the open position. An independent claim is also included for a method for switching the switching contacts of a vacuum switch, involves positioning the switch rod into the switching position.

IPC 8 full level
H01H 33/66 (2006.01); **H01H 3/30** (2006.01)

CPC (source: EP)
H01H 3/3031 (2013.01); **H01H 33/666** (2013.01); **H01H 3/3026** (2013.01)

Cited by
CN102184801A; EP2317529A1; FR3024799A1; US8618430B2; WO2011054728A1

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 MT NL PL PT RO SE SI SK TR

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EP 07014808 A 20070727; AT 07014808 T 20070727; CN 200710151260 A 20070918; DE 102006043632 A 20060918; ES 07014808 T 20070727; HK 08104764 A 20080430; RU 2007134906 A 20070919