

Title (en)

VACUUM SWITCHING APPARATUS WITH A DRIVING DEVICE AND A SPRING CARRYING THE MOVABLE CONNECTOR BOLT OF THE SWITCH TUBE

Publication

**EP 0159960 B1 19871014 (DE)**

Application

**EP 85730051 A 19850402**

Priority

DE 3414016 A 19840412

Abstract (en)

[origin: US4593165A] A vacuum switch with a driving device for switching a vacuum-tight switching tube into on and off positions. The vacuum switch includes a movable connecting pin, a drive lever, a spring, and a stop. The spring is connected between the connecting pin and the drive lever. The engagement of the spring and the stop with the drive lever yields lever arms of different lengths. The relative dimensions of the lever arms are such that when the switching tube is in the off position, an opening force cancels a switching-on closing force.

IPC 1-7

**H01H 33/66**

IPC 8 full level

**H01H 33/66** (2006.01); **H01H 33/666** (2006.01); **H01H 33/02** (2006.01)

CPC (source: EP US)

**H01H 33/666** (2013.01 - EP US); **H01H 33/022** (2013.01 - EP US); **H01H 2033/6665** (2013.01 - EP US); **H01H 2033/6667** (2013.01 - EP US)

Cited by

EP0704872A1; FR2725303A1; CN1062378C; EP0397294A3; DE3915522A1; US5069077A

Designated contracting state (EPC)

DE GB NL

DOCDB simple family (publication)

**EP 0159960 A1 19851030**; **EP 0159960 B1 19871014**; DE 3414016 A1 19851017; DE 3560779 D1 19871119; JP H0219569 B2 19900502; JP S60230328 A 19851115; US 4593165 A 19860603

DOCDB simple family (application)

**EP 85730051 A 19850402**; DE 3414016 A 19840412; DE 3560779 T 19850402; JP 7631885 A 19850410; US 72213885 A 19850411