

Title (en)

VACUUM BOOTLE DEVICE WITH LOCKING MEANS

Title (de)

VAKUUMKAMMERGERÄT MIT VERRIEGELUNGSMITTEL

Title (fr)

APPAREILLAGE D'AMPOULE A VIDE COMPRENANT UN MOYEN DE VERROUILLAGE

Publication

**EP 2671240 B1 20150408 (FR)**

Application

**EP 12703751 A 20120202**

Priority

- FR 1150819 A 20110202
- EP 2012051760 W 20120202

Abstract (en)

[origin: WO2012104377A1] The mobile part (35) of a vacuum pump comprises a circular spring (46) which slides on an external bearing surface (41) of the mobile part in most positions and which can enter a channel (40) as it relaxes in order to define an end position in which the vacuum bulb is open, thereby forming a lock. The mobile part (35) can be formed by two sections (38, 39) including one very electrically conductive, copper section which is directed towards the stationary contact (37) and which receives an element connecting to an external electric circuit. Section 38 can be made from steel in order to enhance the sliding of the spring without generating wear.

IPC 8 full level

**H01H 33/666** (2006.01); **H01H 79/00** (2006.01); **H02H 3/02** (2006.01)

CPC (source: EP US)

**H01H 9/20** (2013.01 - EP US); **H01H 33/666** (2013.01 - EP US); **H01H 79/00** (2013.01 - EP US)

Citation (examination)

WO 2011110561 A1 20110915 - ALSTOM GRID SAS [FR], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

**FR 2971080 A1 20120803**; **FR 2971080 B1 20130301**; CN 103348432 A 20131009; CN 103348432 B 20160120; EP 2671240 A1 20131211; EP 2671240 B1 20150408; JP 2014504793 A 20140224; US 2013299321 A1 20131114; US 9202645 B2 20151201; WO 2012104377 A1 20120809

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