

Title (en)
Vacuum switch.

Title (de)
Vakuumschalter.

Title (fr)
Interrupteur à vide.

Publication
EP 0045072 A1 19820203 (DE)

Application
EP 81105875 A 19810724

Priority
PL 22586380 A 19800725

Abstract (en)
1. Vacuum switch with two contacts (2, 3) projecting into a release chamber (1), which are connected via flexible leads (6, 16) to electrical terminals outside the release chamber, of which one contact (3) is fixed relative to the release chamber (1) and the other contact (2) is displaceable relative to the release chamber (1) between an open position and a closed position of the contacts (2, 3) and is pivotable relative to the contact (3) which is fixed relative to the release chamber by means of an actuating mechanism (8) coupled to a switching device, characterised in that the displaceable contact (2) is fastened to a portion of the actuating mechanism (8) by a first pulling means (4) and a tensioning member (7) and in that the contact (3) that is fixed relative to the release chamber is connected to a part (14) which is fixed relative to the switch by means of a second pulling means (12) and a tensioning means (13).

Abstract (de)
Die Erfindung löst die Frage der Aufhängung der Vakuum-Löschkammer in einem Vakuumschalter. Die erfindungsgemässe Aufhängung ist dadurch gekennzeichnet, dass zwecks der Vereinfachung des Aufbaues und Erhöhung der mechanischen Beständigkeit die Vakuum-Löschkammer (1) mit dem beweglichen Teil (8) und dem festen Teil (14) des Vakuumschalters mittels in der Achse dieser Löschkammer angeordneter Zugseile (4, 12) verbunden ist.

IPC 1-7
H01H 33/66

IPC 8 full level
H01H 33/66 (2006.01)

CPC (source: EP)
H01H 33/66 (2013.01)

Citation (search report)
• DE 2828671 A1 19800110 - CALOR EMAG ELEKTRIZITAETS AG
• US 2810808 A 19571022 - COGGESHALL THELLWELL R
• DE 2004521 A1 19700924
• FR 1247450 A 19601202 - GARDY PARTICIP APP
• FR 1098168 A 19550719 - ALSTHOM CGEE

Cited by
DE102012113057B4; DE102021205821A1; DE202012012640U1; DE102012113057A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0045072 A1 19820203; EP 0045072 B1 19850206; CS 254957 B2 19880215; CS 565281 A2 19870716; DD 206448 A5 19840125; DE 3168771 D1 19850321; PL 127426 B1 19831031; PL 225863 A2 19810605

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EP 81105875 A 19810724; CS 565281 A 19810723; DD 23206981 A 19810724; DE 3168771 T 19810724; PL 22586380 A 19800725