

Title (en)
VACUUM SWITCH ASSEMBLY WITH MEDIUM-VOLTAGE DISCONNECTOR

Title (de)
VAKUUMSCHALTERANORDNUNG MIT MITTELSPANNUNGSTRENNSCHALTER

Title (fr)
ENSEMBLE INTERRUPTEUR À VIDE AVEC DISJONCTEUR MOYENNE TENSION

Publication
EP 3367408 A1 20180829 (EN)

Application
EP 18155060 A 20180205

Priority
IT 201700020449 A 20170223

Abstract (en)
A vacuum switch assembly with a medium-voltage disconnecter comprising a cabinet (20) in which supports (11) are positioned for each pole, a casing consisting of two half-shells (14,15) made of an insulating material, each housing pairs of opposing fixed contacts (16,17) that can be individually associated with pairs of blades (18), wherein said blades (18) are alternately and selectively rotated to be engaged with one or the other of the two fixed contacts (16,17) connected to at least one user or to the ground, between closed and open positions, wherein the blades (18) are positioned on a plate (21) which is rotated by means of a control shaft (23) and which carries a cam drive (25,26) which, on one side, causes said fixed contacts (16,17) and the blades (18) to acquire the closed and open positions and, on another side, causes movable (29) and fixed (38) contacts of a vacuum switch (30) to be engaged or disengaged.

IPC 8 full level
H01H 31/00 (2006.01)

CPC (source: EP RU)
H01H 11/00 (2013.01 - RU); **H01H 31/003** (2013.01 - EP); **H01H 3/42** (2013.01 - EP); **H01H 31/026** (2013.01 - EP); **H01H 31/16** (2013.01 - EP); **H01H 33/6661** (2013.01 - EP); **H01H 2001/425** (2013.01 - EP)

Citation (applicant)
FR 2744284 A1 19970801 - SCHNEIDER ELECTRIC SA [FR]

Citation (search report)
• [A] FR 2744284 A1 19970801 - SCHNEIDER ELECTRIC SA [FR]
• [A] US 2004045937 A1 20040311 - HOGLUND JUSTIN R [US], et al
• [A] WO 8604452 A1 19860731 - ASS ELECT IND [GB]

Cited by
US10693284B2; EP3843117A1; CN112992575A; EP3966842A4; EP3709332A1; WO2020223884A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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DOCDB simple family (application)
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