

Title (en)
Vacuum switchgear and a method of diagnosing vacuum pressure thereof

Title (de)
Vakuumschaltgetriebe und Verfahren zur Diagnose des Vakuumdruicks darin

Title (fr)
Appareil de commutation sous vide et procédé de diagnostic de pression sous vide

Publication
EP 2079089 A3 20100901 (EN)

Application
EP 08021300 A 20081208

Priority
JP 2008001750 A 20080109

Abstract (en)
[origin: EP2079089A2] A vacuum switchgear comprising: a casing; a vacuum switch, enclosed in the casing, comprising a metal vessel covered with a solid insulator, the surface of the insulator being covered with a conductive layer to be earthed, a pair of movable electrode and a fixed electrode to constitute a main circuit, enclosed in the metal vessel; a first condenser connected to the terminal on the solid insulator. A first electric connection means and second connecting means are disposed to the casing, and the first connecting means is connected to a first condenser and the second connecting means is connected to the second condenser. A voltage indicator that indicates a status of vacuum of the metal vessel and a status of power application to a main circuit of the switch section is electrically connected to either the first or second connecting means.

IPC 8 full level
H01H 33/66 (2006.01)

CPC (source: EP)
H01H 33/668 (2013.01)

Citation (search report)

- [Y] EP 1763049 A1 20070314 - HITACHI LTD [JP]
- [Y] JP S61263015 A 19861121 - MEIDENSHA ELECTRIC MFG CO LTD
- [Y] US 4937698 A 19900626 - TOYA HIDEAKI [JP], et al
- [A] DE 4310619 A1 19931014 - FUJI ELECTRIC CO LTD [JP]

Cited by
CN106356246A; CN110092571A; CN102280300A

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 08021300 A 20081208; CN 200910002218 A 20090108; JP 2008001750 A 20080109; SG 2008090920 A 20081210; TW 97146777 A 20081202