

Title (en)
VACUUM SWITCH AND VACUUM SWITCHGEAR USING THE SWITCH

Title (de)
VAKUUMSCHALTER UND EIN SOLCHEN SCHALTER BENUTZENDES VAKUUMSCHALTANLAGE

Title (fr)
COMMUTATEUR A VIDE ET APPAREILLAGE DE COMMUTATION A VIDE COMPORTANT LE COMMUTATEUR

Publication
EP 1120804 A1 20010801 (EN)

Application
EP 99933192 A 19990730

Priority
• JP 9904116 W 19990730
• JP 28220198 A 19981005

Abstract (en)
An object of the present invention is to provide vacuum switch suitable for a distribution and transformation system compatible between structural simplicity and reliability and a vacuum switchgear using the vacuum switch. In order to attain the above object, the vacuum switch is formed by containing switching portions into a vacuum container, and comprises a breaker, a grounding switch and an isolator as the switching portions, wherein the vacuum container is separated into at least two chambers, and the switching portion of the breaker is disposed in one of the chambers, and the switching portions of the grounding switch and the isolator are disposed in the other of the chambers. <IMAGE>

IPC 1-7
H01H 33/66

IPC 8 full level
H01H 33/666 (2006.01); **H01H 1/58** (2006.01); **H01H 31/00** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP KR)
H01H 33/66 (2013.01 - KR); **H01H 33/666** (2013.01 - EP); **H01H 33/6661** (2013.01 - EP); **H01H 1/5822** (2013.01 - EP); **H01H 31/003** (2013.01 - EP); **H01H 33/6606** (2013.01 - EP); **H01H 33/6664** (2013.01 - EP); **H01H 2001/5827** (2013.01 - EP)

Cited by
EP3896711A1; US11657987B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1120804 A1 20010801; **EP 1120804 A4 20040317**; CN 1273685 A 20001115; KR 100370485 B1 20030129; KR 20010030668 A 20010416; WO 0021106 A1 20000413

DOCDB simple family (application)
EP 99933192 A 19990730; CN 99801014 A 19990730; JP 9904116 W 19990730; KR 20007003064 A 20000322