

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
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Application
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Abstract (en)
[origin: EP1120804A1] 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>

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IPC 8 full level
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Citation (search report)
• [A] EP 0766277 A2 19970402 - HITACHI LTD [JP]
• [A] US 3883709 A 19750513 - COLE DAVID R
• See references of WO 0021106A1

Cited by
EP3896711A1; US11657987B2

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