

Title (en)
SWITCH GEAR

Title (de)
SCHALTANLAGE

Title (fr)
APPAREILLAGE DE COMMUTATION

Publication
EP 1152444 A4 20060816 (EN)

Application
EP 00931702 A 20000605

Priority
• JP 0003646 W 20000605
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Abstract (en)
[origin: EP1152444A1] The present invention can provide a switch gear which is capable of effectively utilizing the space in a vessel, and reducing the size and cost thereof, and which is high in reliability and safety. A vacuum vessel 1 is formed by molding a metallic tank 2 with an insulating resin 5, and a portion of the insulating resin 5 is formed into a cylindrical shape to provide an insulation barrier 20 so as to surround an extended portion of a ground contact side movable conductor 13 which extends from the vacuum vessel 1. A ground/test terminal 21 is arranged with one end thereof extended into the insulation barrier 20, and the other end thereof extended outwardly of the insulating resin 5. The ground/test terminal 21 and the ground contact side movable conductor 13 are electrically connected with each other through a second flexible conductor 22 within the insulation barrier 20. <IMAGE>

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H01H 33/66

IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)
• [A] DD 85798 A
• [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 11 30 September 1999 (1999-09-30)
• See references of WO 0135431A1

Cited by
EP1381064A1; EP1343233A3; EP2565897A1; EP1863138A3; EP1383148A1; SG94793A1; US9312669B2; US11688566B2; WO2004010448A1; WO2008006915A1

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