

Title (en)
Switch gear

Title (de)
Schaltvorrichtung

Title (fr)
Installation de commutation

Publication
EP 1445783 A2 20040811 (EN)

Application
EP 04001944 A 20040129

Priority
JP 2003031621 A 20030207

Abstract (en)
To provide a switch-gear shield structure that requires no special post-process such as welding and bonding to achieve low cost and high sealing performance with a simple structure in which two components are merely fitted together. <??>A ring-shaped projected wall (1n) is formed at one side of the joint of a casing (1) and a cover (6), while a ring-shaped recessed groove (6f) to be fitted to the projected wall (1n) is formed on the other side, wherein the ring-shaped projected wall (1n) has an elastic transformable part (1p) at the end and the ring-shaped recessed groove (6f) has an inclined part (6g) forming a slope in the vicinity of the bottom; thus, the casing (1) and the cover (6) are tightly fitted together by the pressure contact of the elastic transformable part (1p) with the inclined part (6g). <IMAGE>

IPC 1-7
H01H 3/00

IPC 8 full level
H01H 13/04 (2006.01); **H01H 9/04** (2006.01); **H01H 13/06** (2006.01); **H01H 21/08** (2006.01); **H01H 21/24** (2006.01)

CPC (source: EP KR)
H01H 9/04 (2013.01 - EP); **H05B 3/03** (2013.01 - KR); **H05B 3/20** (2013.01 - KR); **H01H 21/24** (2013.01 - EP); **H01H 2011/062** (2013.01 - EP)

Cited by
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DE FR GB IT

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EP 1445783 A2 20040811; **EP 1445783 A3 20050914**; **EP 1445783 B1 20061220**; CN 1246870 C 20060322; CN 1521782 A 20040818; DE 602004003727 D1 20070201; DE 602004003727 T2 20071004; JP 2004241327 A 20040826; KR 100546423 B1 20060126; KR 20040072031 A 20040816; TW 200503034 A 20050116; TW I235397 B 20050701

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