

Title (en)

Switch unit, and method of electrically connecting an electromagnetic wave shielding member with a grounding terminal in a switch unit

Title (de)

Schaltereinheit und Verfahren zur elektrischen Verbindung eines elektromagnetischen Abschirmelementes mit einer Erdungsklemme in einer Schaltereinheit

Title (fr)

Unité de commutateur et procédé pour connexion électrique d'un élément faisant écran aux ondes électromagnétiques avec un terminal de mise à la terre dans une unité de commutateur

Publication

**EP 1329920 A1 20030723 (EN)**

Application

**EP 03000276 A 20030108**

Priority

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Abstract (en)

According to the invention, in a switch unit, the dust resistance of a switch portion is ensured by an electromagnetic wave shielding member and an operation sense is hardly impaired. An electrical connection between a conductive portion of the electromagnetic wave shielding member and a grounding terminal is conducted surely and easily. A plate-like body 20 has a stationary electrode and a movable electrode 36 in a switch portion 30. The movable electrode 36 is configured by a snap plate. An electromagnetic wave shielding member 50 is overlaid on the plate-like body 20. The electromagnetic wave shielding member 50 is configured by a laminated member having a base layer 51 formed by a polyethylene terephthalate film, and an electromagnetic wave shielding layer 52 formed by an aluminum thin film. The switch portion 30 is covered by the electromagnetic wave shielding member 50. The electromagnetic wave shielding layer 52 of the electromagnetic wave shielding member 50 is electrically connected via an electrically conductive coating composition 60 with a grounding terminal 40 formed on the plate-like body 20. <IMAGE>

IPC 1-7

**H01H 13/70**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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DE

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**EP 1329920 A1 20030723**; **EP 1329920 B1 20050330**; CN 100477049 C 20090408; CN 1434472 A 20030806; DE 60300419 D1 20050504; DE 60300419 T2 20060309; HK 1056644 A1 20040220; JP 2003217383 A 20030731; JP 4017406 B2 20071205

DOCDB simple family (application)

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