

Title (en)

Switch assembly

Title (de)

Schalteranordnung

Title (fr)

Ensemble commutateur

Publication

**EP 1017077 B1 20030521 (EN)**

Application

**EP 99125564 A 19991221**

Priority

JP 37379798 A 19981228

Abstract (en)

[origin: EP1017077A1] To reduce number of components to be used and make the whole structure axially down-sized in a switch assembly which includes a push operation member and a rotary operation member, A first push operation member 21 and a second push operation member 22 are mounted together on a light guiding member 9 thereby to eliminate necessity of such an exclusive holder in assembling the push operation members 21, 22 as required in a conventional switch assembly. An angle adjusting piece for giving an angular adjustment to rotary operation of a rotary operation member 36 is integrally formed at an inner periphery of the rotary operation member 36, avoiding necessity of a separate component. Further, the angle adjusting piece and angle adjusting notches 19 are so arranged as to face with each other in a diametrical direction of the rotary operation member 36. <IMAGE>

IPC 1-7

**H01H 25/06**; B60K 37/06

IPC 8 full level

**H01H 3/52** (2006.01); **H01H 9/16** (2006.01); **H01H 9/18** (2006.01); **H01H 25/00** (2006.01); **H01H 25/06** (2006.01); **H01H 89/00** (2006.01)

CPC (source: EP)

**H01H 9/182** (2013.01); **H01H 25/065** (2013.01)

Cited by

DE102011106784A1; EP1995753A1; FR2830676A1; CN100459006C; CN109724009A; DE10239387B4; DE102005032508B4; DE10016180A1; DE10016180C2; DE10059793A1; DE10059793B4; FR2825833A1; EP1865526A1; WO03043041A1; WO02099825A1; US6878886B1

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