

Title (en)

MULTIPLE WAY SWITCH ASSEMBLY AND SWITCH MODULE

Title (de)

MEHRWEGE-SCHALTERANORDNUNG, SOWIE SCHALTERBAUSTEIN

Title (fr)

SYSTEME DE COMMUTATEUR A PLUSIEURS VOIES ET MODULE DE COMMUTATION

Publication

EP 1436821 B1 20060524 (DE)

Application

EP 02777311 A 20021015

Priority

- DE 10151603 A 20011018
- EP 0211499 W 20021015

Abstract (en)

[origin: US6787716B1] A multiple position switch assembly includes two or more switch modules. The switch modules are each suited as an individual switch module for use in a two-way switch assembly. Two switch modules of like kind but complementary to one another may be combined with one another such that the two combined switch modules form a four-way switch assembly. Each switch module includes control elements pivotally or movably connected to a base. Each of the control elements is associated with a switching element. In the four-way switch assembly, the control elements are arranged in an antiparallel arrangement and each can be alternately actuated by a common actuator. Upon being actuated, the control elements pivot or move to actuate the corresponding switching element. The actuator is movable along four actuating directions oriented in a cross-shaped manner with regard to one another.

IPC 8 full level

H01H 25/04 (2006.01); **H01H 11/00** (2006.01); **H01H 23/00** (2006.01)

CPC (source: EP US)

G05G 9/047 (2013.01 - EP US); **H01H 11/0006** (2013.01 - EP US); **H01H 23/00** (2013.01 - EP US); **H01H 25/04** (2013.01 - EP US); **H01H 2237/004** (2013.01 - EP US); **H01H 2300/01** (2013.01 - EP US); **H01H 2300/012** (2013.01 - EP US)

Citation (examination)

US 5719361 A 19980217 - LEE JAMES SUNGIOUN [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

US 2004159529 A1 20040819; **US 6787716 B1 20040907**; AT E327565 T1 20060615; BR 0206153 A 20031125; DE 10151603 C1 20030320; DE 50206927 D1 20060629; EP 1436821 A1 20040714; EP 1436821 B1 20060524; ES 2263823 T3 20061216; JP 2005506675 A 20050303; JP 3975199 B2 20070912; WO 03036674 A1 20030501

DOCDB simple family (application)

US 77477604 A 20040209; AT 02777311 T 20021015; BR 0206153 A 20021015; DE 10151603 A 20011018; DE 50206927 T 20021015; EP 0211499 W 20021015; EP 02777311 A 20021015; ES 02777311 T 20021015; JP 2003539069 A 20021015