

Title (en)
MULTIWAY SWITCHING MEANS

Title (de)
MEHRWEGESCHALTMITTEL

Title (fr)
DISPOSITIF DE COMMUTATION A PLUSIEURS VOIES

Publication
EP 1499936 A1 20050126 (DE)

Application
EP 03727382 A 20030428

Priority
• DE 10219477 A 20020430
• EP 0304394 W 20030428

Abstract (en)
[origin: US2005056530A1] A multi-way electric switch includes an articulated suspension having parallel first and second linkages for movably mounting an operator control. Each linkage has a pair of rockers which are articulately coupled at first ends to an intermediate part such that the linkages are orthogonally to one another. The rockers of the first linkage are stationarily coupled at second opposite ends which are free with respect to the articulated coupling between the first linkage and the intermediate part. The rockers of the second linkage support the operator control at second opposite ends which are free with respect to the articulated coupling between the second linkage and the intermediate part. The articulated coupling between the rockers of the first linkage and the intermediate part lies in a first axis plane, and the articulated coupling between the rockers of the second linkage and the intermediate part lies in a second different axis plane.

IPC 1-7
G05G 9/047

IPC 8 full level
G05G 1/08 (2006.01); **G05G 5/03** (2006.01); **G05G 9/047** (2006.01); **H01H 25/04** (2006.01); **H01H 25/00** (2006.01)

CPC (source: EP US)
G05G 9/04792 (2013.01 - EP US); **H01H 25/041** (2013.01 - EP US); **G05G 2009/04755** (2013.01 - EP US); **G05G 2009/04781** (2013.01 - EP US); **H01H 25/008** (2013.01 - EP US); **H01H 2003/008** (2013.01 - EP US); **H01H 2025/043** (2013.01 - EP US)

Citation (search report)
See references of WO 03093919A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK

DOCDB simple family (publication)
US 2005056530 A1 20050317; **US 6903291 B2 20050607**; AT E305629 T1 20051015; AU 2003233081 A1 20031117; CN 100462889 C 20090218; CN 1625724 A 20050608; DE 10219477 C1 20030717; DE 50301275 D1 20051103; EP 1499936 A1 20050126; EP 1499936 B1 20050928; ES 2249717 T3 20060401; JP 2005524167 A 20050811; JP 4219888 B2 20090204; WO 03093919 A1 20031113

DOCDB simple family (application)
US 95204204 A 20040928; AT 03727382 T 20030428; AU 2003233081 A 20030428; CN 03803055 A 20030428; DE 10219477 A 20020430; DE 50301275 T 20030428; EP 0304394 W 20030428; EP 03727382 A 20030428; ES 03727382 T 20030428; JP 2004502077 A 20030428