

Title (en)
SELECTOR SWITCH

Title (de)
LASTWÄHLER

Title (fr)
COMMUTATEUR

Publication
EP 1078380 A1 20010228 (DE)

Application
EP 99915703 A 19990325

Priority
• DE 19821775 A 19980514
• EP 9902020 W 19990325

Abstract (en)
[origin: DE19821775C1] All contact carriers (3) are independently rotatable on a switching shaft (2). Two vacuum switches (27,28) are arranged on the contact carriers such that their actuating pins (35,36) extend in the axial direction. Each contact carrier has two additional rollers (55,56) to force the operation of corresponding contact carriers.

IPC 1-7
H01H 9/00

IPC 8 full level
H01H 9/00 (2006.01); **H01H 89/00** (2006.01); **H01F 29/04** (2006.01)

CPC (source: EP KR)
H01H 9/00 (2013.01 - KR); **H01H 9/0038** (2013.01 - EP)

Cited by
DE102013107550A1; DE112012003991B4; DE102013107550B4; WO2015185368A1; WO2015007472A1; US10102990B2

Designated contracting state (EPC)
AT DE FR GB IT SE

DOCDB simple family (publication)
WO 9960588 A1 19991125; AT E216801 T1 20020515; AU 3417899 A 19991206; BG 104589 A 20010131; BG 63835 B1 20030228; BR 9907918 A 20010911; BR 9907918 B1 20130625; CA 2311781 A1 19991125; CN 1134035 C 20040107; CN 1275241 A 20001129; CZ 20004212 A3 20010516; CZ 298858 B6 20080227; DE 19821775 C1 19991014; DE 59901305 D1 20020529; EP 1078380 A1 20010228; EP 1078380 B1 20020424; HK 1033613 A1 20010907; HU 223171 B1 20040329; HU P0100062 A2 20010528; HU P0100062 A3 20010730; JP 2002516481 A 20020604; JP 3612278 B2 20050119; KR 100420630 B1 20040302; KR 20010040680 A 20010515; PL 191216 B1 20060331; PL 344005 A1 20010910; RO 118830 B1 20031128; RU 2221301 C2 20040110; UA 70325 C2 20041015

DOCDB simple family (application)
EP 9902020 W 19990325; AT 99915703 T 19990325; AU 3417899 A 19990325; BG 10458900 A 20000710; BR 9907918 A 19990325; CA 2311781 A 19990325; CN 99801476 A 19990325; CZ 20004212 A 19990325; DE 19821775 A 19980514; DE 59901305 T 19990325; EP 99915703 A 19990325; HK 01102606 A 20010411; HU P0100062 A 19990325; JP 2000550117 A 19990325; KR 20007008556 A 20000804; PL 34400599 A 19990325; RO 200001088 A 19990325; RU 2000131169 A 19990325; UA 00116416 A 19990325