

Title (en)
ELECTROMECHANICAL SWITCH

Title (de)
ELEKTROMECHANISCHES SCHALTGERÄT

Title (fr)
COMMUTATEUR ELECTROMECHANIQUE

Publication
EP 1618579 A1 20060125 (DE)

Application
EP 04719975 A 20040312

Priority
• EP 2004002618 W 20040312
• DE 10315243 A 20030403

Abstract (en)
[origin: DE10315243B3] All the contacts are open when the bridge (1) is in its OFF position. The bridge has a contact carrier (8) with a compression spring (9). When the switch is moved to its ON position, the secondary contacts (5) close first. There are two fixed contacts (7) and two movable contacts (6) on a flexible spring on a central support (10). A stop (11) limits the motion of the spring. The primary contacts (2) consist of two fixed contacts (4) and two movable contacts (3) of larger size than the secondary contacts and are closed after.

IPC 1-7
H01H 50/54; **H01H 1/20**

IPC 8 full level
H01H 1/20 (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP US)
H01H 1/2016 (2013.01 - EP US); **H01H 1/2025** (2013.01 - EP US); **H01H 50/541** (2013.01 - EP US); **H01H 50/543** (2013.01 - EP US)

Citation (search report)
See references of WO 2004088697A1

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
DE 10315243 B3 20040826; CN 1701405 A 20051123; DE 502004001113 D1 20060914; EP 1618579 A1 20060125; EP 1618579 B1 20060802; US 2005219020 A1 20051006; US 7098762 B2 20060829; WO 2004088697 A1 20041014

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DE 10315243 A 20030403; CN 200480000948 A 20040312; DE 502004001113 T 20040312; EP 04719975 A 20040312; EP 2004002618 W 20040312; US 52521705 A 20050222