

Title (en)
MICRORELAY

Title (de)
MIKRORELAIS

Title (fr)
MICRORELAIS

Publication
EP 1252640 A1 20021030 (DE)

Application
EP 01913558 A 20010201

Priority
• DE 0100389 W 20010201
• DE 10004393 A 20000202

Abstract (en)
[origin: WO0157901A1] The invention relates to a microrelay that comprises a switch element (9) suspended on a substrate (1) so as to be pivotable. Said switch element can be displaced, like a rocker, between two alternative switch modes by electrostatic attraction by means of suitably mounted electrodes (51, 52, 6). The switch is actuated by electrodes (31, 32) that are mounted on the substrate above the rocker and that are short-circuited by metallizations (71, 72) on the upper side of the switch element.

IPC 1-7
H01H 59/00

IPC 8 full level
B81B 3/00 (2006.01); **H01H 59/00** (2006.01); **H01H 1/20** (2006.01)

CPC (source: EP KR US)
H01H 59/00 (2013.01 - KR); **H01H 59/0009** (2013.01 - EP US); **H01H 1/20** (2013.01 - EP US); **H01H 2059/0054** (2013.01 - EP US)

Citation (search report)
See references of WO 0157901A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0157901 A1 20010809; DE 10004393 C1 20020214; EP 1252640 A1 20021030; JP 2003522379 A 20030722; KR 20020075904 A 20021007; US 2003006868 A1 20030109; US 6734770 B2 20040511

DOCDB simple family (application)
DE 0100389 W 20010201; DE 10004393 A 20000202; EP 01913558 A 20010201; JP 2001557065 A 20010201; KR 20027009941 A 20020801; US 21105802 A 20020802