

Title (en)  
Microrelay with new construction

Title (de)  
Mikrorelais mit neuem Aufbau

Title (fr)  
Microrelais à nouvelle construction

Publication  
**EP 1246215 B1 20091209 (DE)**

Application  
**EP 01810322 A 20010329**

Priority  
EP 01810322 A 20010329

Abstract (en)  
[origin: EP1246215A1] A drive capacitor (4,5) drives a movable contact piece (MCP) (1) electrostatically and has two conductive surfaces set apart but parallel. One (4) of these surfaces is applied to one side of the MCP with a flexible suspension (2). Altering the charging status of the drive capacitor moves the MCP into and out of a structure on a mating contact piece (6,7) in order to open and close an electrical contact between the MCP and the mating contact piece.

IPC 8 full level  
**H01H 59/00** (2006.01)

CPC (source: EP)  
**H01H 59/0009** (2013.01); **H01H 2001/0078** (2013.01)

Cited by  
EP1463081A3; EP1463081A2; WO2005015595A1; WO2007059634A1

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