

Title (en)

A micro relay device having a membrane with slits

Title (de)

Mikrorelaisvorrichtung mit geschlitzter Membrane

Title (fr)

Dispositif de micro-relais avec une membrane fendue

Publication

EP 1321957 A1 20030625 (EN)

Application

EP 01811245 A 20011219

Priority

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Abstract (en)

The invention relates to an improved design for micro relays comprising a membrane 1 with slits 2 defining suspension beams 3 and actuation portions 4. Large areas of actuation portions 4 can be combined with small elastic constants of suspension beams 3 in order to improve the contact forces. <IMAGE>

IPC 1-7

H01H 59/00

IPC 8 full level

H01H 59/00 (2006.01); **H01H 1/18** (2006.01)

CPC (source: EP)

H01H 59/0009 (2013.01); **H01H 1/18** (2013.01); **H01H 2001/0084** (2013.01)

Citation (search report)

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