

Title (en)

MICROMECHANICAL ELECTROSTATIC RELAY AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

MIKROMECHANISCHES ELEKTROSTATISCHES RELAIS UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

RELAIS ELECTROSTATIQUE MICROMECHANIQUE ET SON PROCEDE DE PRODUCTION

Publication

EP 1021815 B1 20020123 (DE)

Application

EP 98947333 A 19980724

Priority

- DE 9802092 W 19980724
- DE 19736674 A 19970822

Abstract (en)

[origin: DE19736674C1] The relay has a base substrate (4) with a base electrode (1,11) and at least one fixed contact (7) at the end of a fixed contact spring tongue. This cooperates with a movable contact (8) at the end of an armature spring tongue (41), secured to the base substrate at the opposite end. The armature spring tongue is curved away from the substrate so that the contacts are spaced in the normal position, both spring tongues from a common carrier layer, with the attached contacts positioned so that they overlap in the closed position.

IPC 1-7

H01H 59/00

IPC 8 full level

B81B 3/00 (2006.01); **B81C 1/00** (2006.01); **H01H 59/00** (2006.01); **H01L 41/09** (2006.01)

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