

Title (en)

MICRO-MECHANICAL ELECTROSTATIC RELAY

Title (de)

MIKROMECHANISCHES ELEKTROSTATISCHES RELAIS

Title (fr)

RELAIS MICROMECHANIQUE ELECTROSTATIQUE

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Application

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Abstract (en)

[origin: WO9943013A1] The present invention relates to a micro-mechanical electrostatic relay comprising at least one base substrate (1) with a flat base electrode, as well as a rotor blade (21) which is stamped from the rotor substrate (2) and has a flat rotor electrode, wherein a wedge-shaped air gap (10) is formed between the base substrate (1) and said rotor blade. An electret layer (4) is further formed on one at least of the surfaces defining the air gap so as to obtain a switching characteristic providing for closing, opening or change-over.

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