

Title (en)
MICROSYSTEM WITH INTEGRATED RELUCTANT MAGNETIC CIRCUIT

Title (de)
MIKROSYSTEM MIT INTEGRIERTER RÜCKHALTEMAGNETSCHALTUNG

Title (fr)
MICROSYSTEME INTEGRANT UN CIRCUIT MAGNETIQUE RELUCTANT

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Abstract (en)
[origin: WO2006072628A1] The invention relates to a microsystem with an integrated reluctant magnetic circuit which subjects a mobile contact piece (20, 20') to an additional contacting force (F"), in the position with a closed electrical circuit, the intensity of which varies as a function of an alternating current (I) flowing across the electric circuit. According to the invention, the variations in said additional contacting force are used to permit the electric circuit to be opened when the current is below a threshold level. Said threshold level can correspond to the value for the appearance of an electric arc.

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