

Title (en)
MECHANICAL ACCELERATION SWITCH

Title (de)
MECHANISCHER BESCHLEUNIGUNGSSCHALTER

Title (fr)
INTERRUPTEUR MECANIQUE ACTIONNE PAR L'ACCELERATION

Publication
EP 0803129 B1 19981223 (DE)

Application
EP 96900271 A 19960112

Priority
• DE 9600035 W 19960112
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• DE 19508014 A 19950307

Abstract (en)
[origin: US5969311A] A mechanical inertia switch in a housing has an elastic tongue with an inertial mass as well as a contact piece. The elastic tongue has a stable neutral position and can be moved in the direction of the contact piece against a force, for example a magnetic force or a force due to preloading of the elastic tongue, which acts in addition to a spring force of the elastic tongue. The compact mechanical inertia switch has a small number of components and short switching times. The elastic tongue is prevented from oscillating. It is thus possible to use the mechanical inertia switch as a safing sensor for detecting side impact.

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CPC (source: EP US)
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