

Title (en)

IMPACT RECOGNITION DEVICE, IN PARTICULAR FOR A MOTOR VEHICLE

Title (de)

AUFPRALLERKENNUNGSEINRICHTUNG, INSBESONDERE FÜR EIN KRAFTFAHRZEUG

Title (fr)

DISPOSITIF DE RECONNAISSANCE D'IMPACT, EN PARTICULIER POUR UN VEHICULE AUTOMOBILE

Publication

EP 0907892 A1 19990414 (DE)

Application

EP 97931654 A 19970625

Priority

- DE 9701318 W 19970625
- DE 19625618 A 19960626

Abstract (en)

[origin: DE19625618C1] An impact recognition device has at least one micromechanically formed acceleration switch (11) with a contact piece (111), which is movable in dependence on acceleration, and with a counter-contact piece (112). For impact recognition purposes, a first voltage (USS1) is supplied by a monitoring circuit (3) to terminals (1111, 1121) of the contact pieces (111, 112), while a second voltage (USS2), through which the contact (111, 112) is made by virtue of electrostatic forces of attraction, serves to test the acceleration switch (11).

IPC 1-7

G01P 21/00; **G01P 15/135**; **B60R 21/00**; **H01H 35/14**

IPC 8 full level

B60R 21/00 (2006.01); **G01P 15/135** (2006.01); **G01P 21/00** (2006.01); **H01H 35/14** (2006.01)

CPC (source: EP KR US)

G01P 15/135 (2013.01 - EP US); **G01P 21/00** (2013.01 - EP KR US)

Citation (search report)

See references of WO 9749999A1

Designated contracting state (EPC)

DE FI FR GB IT

DOCDB simple family (publication)

DE 19625618 C1 19970904; EP 0907892 A1 19990414; JP 2000500873 A 20000125; JP 3152939 B2 20010403; KR 20000022098 A 20000425; NO 985947 D0 19981217; NO 985947 L 19990226; US 6282941 B1 20010904; WO 9749999 A1 19971231

DOCDB simple family (application)

DE 19625618 A 19960626; DE 9701318 W 19970625; EP 97931654 A 19970625; JP 50210898 A 19970625; KR 19980710508 A 19981222; NO 985947 A 19981217; US 22178598 A 19981228