

Title (en)

PRESSURE SENSOR FOR HYDRAULIC MEDIA IN MOTOR VEHICLE BRAKING SYSTEMS AND USE THEREOF

Title (de)

DRUCKSENSOR FÜR HYDRAULISCHE MEDIEN IN KRAFTFAHRZEUGBREMSYSTEMEN UND DESSEN VERWENDUNG

Title (fr)

CAPTEUR DE PRESSION POUR FLUIDES HYDRAULIQUES DANS LES SYSTEMES DE FREINS DE VEHICULES A MOTEUR ET SON UTILISATION

Publication

EP 1946060 A1 20080723 (DE)

Application

EP 06778327 A 20060823

Priority

- EP 2006065602 W 20060823
- DE 102005039980 A 20050823
- DE 102006039422 A 20060823

Abstract (en)

[origin: DE102006039422A1] The device has a membrane (1) that can be deflected and/or deformed by pressure, a closed cavity (6) below the membrane, especially at least partly filled with gas or a gas mixture, a supporting frame (2) for the membrane that closes the edge region of the membrane with respect to a base (3) in a sealed manner and at least one pressure measurement transducer that converts membrane deflection and/or deformation into an electrical signal. The pressure sensor is sealed tight on all sides and has no outwardly fed electrical contacts or lines.

IPC 8 full level

G01L 9/00 (2006.01)

CPC (source: EP US)

G01L 9/0055 (2013.01 - EP US); **G01L 9/0075** (2013.01 - EP US); **G01L 19/086** (2013.01 - EP US)

Citation (search report)

See references of WO 2007023168A1

Citation (examination)

- DE 19858828 A1 19991028 - MICRONAS INTERMETALL GMBH [DE]
- DE 19847563 A1 19991028 - MICRONAS INTERMETALL GMBH [DE]

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

DE 102006039422 A1 20070315; EP 1946060 A1 20080723; US 2010263452 A1 20101021; US 8443676 B2 20130521; WO 2007023168 A1 20070301

DOCDB simple family (application)

DE 102006039422 A 20060823; EP 06778327 A 20060823; EP 2006065602 W 20060823; US 6378006 A 20060823