

Title (en)
SENSOR FOR A SHORT-RANGE DETECTION SYSTEM AND/OR PARKING SYSTEM OF A MOTOR VEHICLE AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
SENSOR FÜR EIN NAHBEREICHSERKENNUNGS- BZW. EINPARKHILFESYSTEM EINES FAHRZEUGS UND HERSTELLUNGSVERFAHREN HIERFÜR

Title (fr)
CAPTEUR DESTINE A UN SYSTEME DE DETECTION DE PROXIMITE OU D'AIDE AU STATIONNEMENT D'UN VEHICULE ET SON PROCEDE DE PRODUCTION

Publication
EP 1654726 A2 20060510 (DE)

Application
EP 04733252 A 20040515

Priority

- EP 2004005242 W 20040515
- DE 10337734 A 20030811
- DE 20316835 U 20031103

Abstract (en)
[origin: WO2005024451A2] The invention relates to a sensor (12) for a short-range detection system and/or parking system of a motor vehicle, especially an ultrasound sensor. Said sensor comprises a pot-shaped housing (10), whereby the base thereof (14) is embodied as an oscillating membrane. The housing comprises a coating on at least the outer side. The invention is characterised in that the coating is made of powder (18) which is weather-proof, which can be enamelled and which has no or no significant negative influence upon the oscillation behaviour of the membrane. The invention also relates to a method for the production for said type of sensor.

IPC 1-7
G10K 9/122

IPC 8 main group level
G01S (2006.01)

CPC (source: EP US)
G10K 9/122 (2013.01 - EP US); **G10K 9/22** (2013.01 - EP US)

Citation (search report)
See references of WO 2005024451A2

Cited by
DE102010063442A1; WO2021008849A1; US12027038B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005024451 A2 20050317; WO 2005024451 A3 20060302; AT E466360 T1 20100515; CN 1836270 A 20060920; CN 1836270 B 20100512; DE 502004011108 D1 20100610; EP 1654726 A2 20060510; EP 1654726 B1 20100428; ES 2344897 T3 20100909; US 2007017807 A1 20070125; US 7551520 B2 20090623

DOCDB simple family (application)
EP 2004005242 W 20040515; AT 04733252 T 20040515; CN 200480022880 A 20040515; DE 502004011108 T 20040515; EP 04733252 A 20040515; ES 04733252 T 20040515; US 56749304 A 20040515