

Title (en)

Ultrasonic sensor, decoupling material for an ultrasonic sensor and method for painting an ultrasonic sensor

Title (de)

Ultraschallsensor, Entkopplungsmaterial für einen Ultraschallsensor und Verfahren zur Lackierung eines Ultraschallsensors

Title (fr)

Capteur à ultrasons, matériau de découplage pour capteur à ultrasons et procédé destiné au laquage d'un capteur à ultrasons

Publication

**EP 1752967 A1 20070214 (DE)**

Application

**EP 06012928 A 20060623**

Priority

DE 102005039093 A 20050808

Abstract (en)

Ultrasound sensor (10) comprises a decoupling material (20) made from silicone-urea copolymers, preferably polydimethylsiloxane-urea copolymers, arranged between a housing (12) and an oscillating sensor membrane (14). Independent claims are also included for the following: (1) Decoupling material for the ultrasound sensor; and (2) Method for lacquering the active surface (18) and surface of the decoupling material between the housing and active surface.

IPC 8 full level

**G10K 11/00** (2006.01); **G01S 15/93** (2006.01)

CPC (source: EP)

**G10K 11/002** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

CZ DE ES FR GB IT

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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