

Title (en)

METHOD AND DEVICE FOR EVALUATING A SENSOR DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUSWERTUNG EINER SENSOREINRICHTUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR EVALUER UN DISPOSITIF CAPTEUR

Publication

**EP 1238257 A1 20020911 (DE)**

Application

**EP 00983031 A 20001018**

Priority

- DE 0003652 W 20001018
- DE 19958769 A 19991207

Abstract (en)

[origin: WO0142762A1] The invention relates to a method and device for evaluating a sensor device, whereby the sensor device forms an electrical resonator in an oscillating circuit, driven by an external inducing voltage. The current in the oscillating circuit is recorded in the region of the resonant frequency and then multiplied by the external inducing voltage. Finally a mean value is generated from the signal arising from the multiplication.

IPC 1-7

**G01N 11/16**

IPC 8 full level

**G01D 5/243** (2006.01); **G01N 9/00** (2006.01); **G01N 11/16** (2006.01)

CPC (source: EP US)

**G01D 5/243** (2013.01 - EP US); **G01N 11/16** (2013.01 - EP US)

Citation (search report)

See references of WO 0142762A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 0142762 A1 20010614**; DE 19958769 A1 20010613; EP 1238257 A1 20020911; JP 2003516535 A 20030513; US 6765392 B1 20040720

DOCDB simple family (application)

**DE 0003652 W 20001018**; DE 19958769 A 19991207; EP 00983031 A 20001018; JP 2001544002 A 20001018; US 14954402 A 20020827