

Title (en)

SENSOR COMPRISING A SURFACE WAVE COMPONENT

Title (de)

SENSOR MIT OBERFLÄCHENWELLEN-BAUELEMENT

Title (fr)

DETECTEUR COMPORTANT UN COMPOSANT A ONDES DE SURFACE

Publication

**EP 1730472 A1 20061213 (DE)**

Application

**EP 05714730 A 20050331**

Priority

- CH 2005000188 W 20050331
- CH 5612004 A 20040402

Abstract (en)

[origin: WO2005095895A1] The invention relates to a sensor (4) comprising a surface wave component (2) containing information relating to the sensitivity of the sensor. Said information can be consulted by means of a conventional measuring line (6) between an evaluation appliance (7) and the sensor (4). As said component (2) only comprises a small amount of information, for example three figures, it (2) can be very small, such that it can be integrated into a small sensor (4). The read sensor sensitivity can be automatically adjusted in the evaluation appliance (7). The information can be encoded on the surface wave component (2) by means of various reflectors (11) that can be frequency-selective.

IPC 8 full level

**G01D 3/02** (2006.01); **G11C 8/00** (2006.01); **H10N 30/00** (2023.01)

CPC (source: EP US)

**G01D 3/022** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005095895 A1 20051013**; EP 1730472 A1 20061213; JP 2007530956 A 20071101; US 2008127730 A1 20080605; US 7576469 B2 20090818

DOCDB simple family (application)

**CH 2005000188 W 20050331**; EP 05714730 A 20050331; JP 2007505353 A 20050331; US 54718405 A 20050331