

Title (en)
SENSOR ELEMENT WITH AIR PRESSURE MEASUREMENT

Title (de)
SENSORELEMENT MIT LUFTDRUCKMESSUNG

Title (fr)
ÉLÉMENT CAPTEUR MESURANT LA PRESSION D'AIR

Publication
EP 2795305 A1 20141029 (DE)

Application
EP 12813854 A 20121220

Priority
• DE 102011089888 A 20111223
• DE 102012200983 A 20120124
• EP 2012076503 W 20121220

Abstract (en)
[origin: WO2013092925A1] A sensor element with air pressure measurement comprises a layer stack (10) from a plurality of layers (11, 12, 13) arranged one on top of the other. At least one first layer (11) contains a measurement sensor device (20) for measuring a measurement parameter different from an ambient pressure of the sensor. The first or at least one second layer (12) contains a pressure measurement device (30) for measuring the air pressure in an environment on one side (S1) of the sensor element, or a channel (40) for coupling a pressure measurement device (30) to an environment on one side (S1) of the sensor element.

IPC 8 full level
G01N 27/407 (2006.01); **G01L 9/00** (2006.01)

CPC (source: EP US)
G01L 9/0072 (2013.01 - EP US); **G01L 19/0092** (2013.01 - EP US); **G01M 15/104** (2013.01 - US); **G01N 27/4071** (2013.01 - EP US)

Citation (search report)
See references of WO 2013092925A1

Cited by
CN105572191A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102012200983 A1 20130627; CN 104011536 A 20140827; CN 104011536 B 20170808; EP 2795305 A1 20141029;
US 2014345361 A1 20141127; US 9488549 B2 20161108; WO 2013092925 A1 20130627

DOCDB simple family (application)
DE 102012200983 A 20120124; CN 201280064125 A 20121220; EP 12813854 A 20121220; EP 2012076503 W 20121220;
US 201214368007 A 20121220