

Title (en)
METHOD FOR PRODUCING A PRESSURE SENSOR MEASURING ELEMENT AND THUS OBTAINED PRESSURE SENSOR MEASURING ELEMENT

Title (de)
VERFAHREN ZUM HERSTELLEN EINES DRUCKSENSORMESSELEMENTS SOWIE DAMIT ERHÄLTliches DRUCKSENSORMESSELEMENT

Title (fr)
PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE MESURE POUR CAPTEUR DE PRESSION ET ÉLÉMENT DE MESURE POUR CAPTEUR DE PRESSION OBTENU PAR LEDIT PROCÉDÉ

Publication
EP 3555584 A1 20191023 (DE)

Application
EP 17825405 A 20171207

Priority
• DE 102016124410 A 20161214
• EP 2017081912 W 20171207

Abstract (en)
[origin: WO2018108710A1] The aim of the invention is to economically produce a pressure measuring sensor element, and relates, according to one aspect, to a method for producing a pressure sensor measuring element for a pressure sensor which comprises at least one membrane and a covering protecting the membrane, the pressure sensor element being produced in a layer-by-layer generative production method. This makes it possible to, for example, easily construct a combi-sensor for detecting pressure and an additional parameter. It is also possible to structures for reinforcement or for influencing resonant frequency or for influencing heat conduction.

IPC 8 full level
G01L 9/00 (2006.01); **G01L 19/00** (2006.01); **G01L 19/06** (2006.01)

CPC (source: EP US)
B22F 10/28 (2021.01 - EP US); **B22F 10/68** (2021.01 - EP US); **B33Y 70/00** (2014.12 - EP US); **B33Y 80/00** (2014.12 - US); **F02B 77/085** (2013.01 - US); **G01L 9/0044** (2013.01 - EP US); **G01L 9/0055** (2013.01 - EP US); **G01L 19/0092** (2013.01 - EP US); **G01L 19/0645** (2013.01 - EP US); **G01L 19/0681** (2013.01 - EP US); **G01M 15/08** (2013.01 - US); **B22F 12/47** (2021.01 - EP US); **B22F 2301/35** (2013.01 - US); **Y02P 10/25** (2015.11 - EP)

Citation (search report)
See references of WO 2018108710A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102016124410 A1 20180614; CN 110476046 A 20191119; CN 110476046 B 20210702; EP 3555584 A1 20191023; US 11137320 B2 20211005; US 2019360894 A1 20191128; WO 2018108710 A1 20180621

DOCDB simple family (application)
DE 102016124410 A 20161214; CN 201780085303 A 20171207; EP 17825405 A 20171207; EP 2017081912 W 20171207; US 201716469914 A 20171207