

Title (en)
FILL LEVEL SENSOR

Title (de)
FÜLLSTANDSSENSOR

Title (fr)
CAPTEUR DE NIVEAU

Publication
EP 3058321 A1 20160824 (DE)

Application
EP 14783648 A 20141013

Priority
• DE 102013220645 A 20131014
• EP 2014071883 W 20141013

Abstract (en)
[origin: WO2015055579A1] A fill level sensor (1) for a fuel tank of a motor vehicle comprises electrical structures that consist of different materials. Sliding contact track structures (7) which are exposed to the fuel consist of a gold-containing paste. Conductor structures (9) are protected by a cover (12, 14) from contact with the fuel and consist of an especially inexpensive material. The fill level sensor (1) therefore is highly resistant to corrosive fuels and can be produced at low cost.

IPC 8 full level
G01F 23/36 (2006.01)

CPC (source: EP US)
G01F 23/36 (2013.01 - US); **G01F 23/363** (2013.01 - EP US)

Citation (search report)
See references of WO 2015055579A1

Citation (examination)
• US 6518873 B1 20030211 - O'REGAN EOIN [IE], et al
• US 2004196137 A1 20041007 - DEDERT RONALD [US], et al
• DE 102006028539 A1 20070111 - TI GROUP AUTOMOTIVE SYS LLC [US]
• DE 102007061316 A1 20090625 - CONTINENTAL AUTOMOTIVE GMBH [DE]
• DE 10037014 A1 20020228 - A B ELEKTRONIK GMBH [DE]

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 102013220645 A1 20150416; CN 105637330 A 20160601; EP 3058321 A1 20160824; US 2016258805 A1 20160908;
WO 2015055579 A1 20150423

DOCDB simple family (application)
DE 102013220645 A 20131014; CN 201480056409 A 20141013; EP 14783648 A 20141013; EP 2014071883 W 20141013;
US 201415029213 A 20141013