

Title (en)

PRESSURE-MEASURING GLOW PLUG

Title (de)

DRUCKMESSGLÜHKERZE

Title (fr)

BOUGIE DE PRÉCHAUFFAGE À MESURE DE PRESSION

Publication

EP 3033605 A1 20160622 (DE)

Application

EP 14739477 A 20140717

Priority

- DE 102013215860 A 20130812
- EP 2014065372 W 20140717

Abstract (en)

[origin: WO2015022139A1] The invention relates to a sensor module, comprising a sensor housing, at least one piezoelectric transducer element, which is arranged in the sensor housing, and at least one insulating body, which is arranged adjacent to the transducer element in the sensor housing, wherein the insulating body has at least one recess on the outer circumference of the insulating body, in which recess a contact of the transducer element extends. The invention further relates to a pressure-measuring glow plug having such a sensor module.

IPC 8 full level

G01L 23/10 (2006.01); **F02P 19/02** (2006.01); **F23Q 7/00** (2006.01)

CPC (source: EP US)

F02P 19/028 (2013.01 - EP US); **F23Q 7/001** (2013.01 - EP US); **G01L 9/08** (2013.01 - US); **G01L 23/10** (2013.01 - EP US); **G01M 15/08** (2013.01 - US); **F02D 35/023** (2013.01 - EP US); **F23Q 2007/005** (2013.01 - EP US)

Citation (search report)

See references of WO 2015022139A1

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 102013215860 A1 20150212; CN 105431723 A 20160323; EP 3033605 A1 20160622; JP 2016535853 A 20161117; JP 6113366 B2 20170412; US 10001106 B2 20180619; US 2016186712 A1 20160630; WO 2015022139 A1 20150219

DOCDB simple family (application)

DE 102013215860 A 20130812; CN 201480044922 A 20140717; EP 14739477 A 20140717; EP 2014065372 W 20140717; JP 2016533858 A 20140717; US 201414910243 A 20140717