

Title (en)
Bougie de préchauffage avec capteur de pression

Title (de)
Druckmessglüheinrichtung

Title (fr)
Glowplug with pressure sensor

Publication
EP 1780468 B1 20110427 (DE)

Application
EP 06021416 A 20061012

Priority
DE 102005051817 A 20051028

Abstract (en)
[origin: EP1780468A2] The rod has an electrical heating unit (1), and a pressure sensor (3) on which the pressure lying at the heating unit is transferred. The heating unit is surrounded from outside by an axial support pipe (2), which is kept in the heating unit under axial pre-stressing. The pressure sensor is arranged in a designed space between the heating unit and the support pipe. A pressing sleeve (4) is arranged in the support pipe on a side of the pressure sensor.

IPC 8 full level
F23Q 7/00 (2006.01)

CPC (source: EP KR US)
F02P 19/02 (2013.01 - KR); **F23Q 7/00** (2013.01 - KR); **F23Q 7/001** (2013.01 - EP US); **F02P 19/028** (2013.01 - EP US); **F23Q 2007/002** (2013.01 - EP US)

Cited by
DE102018108427B3; EP2833069A4; RU2504720C2; EP2515040A1; US11668461B2; WO2009121331A3

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1780468 A2 20070502; EP 1780468 A3 20070725; EP 1780468 B1 20110427; AT E507437 T1 20110515; DE 102005051817 A1 20070503; DE 102005051817 B4 20080605; DE 502006009382 D1 20110609; JP 2007120939 A 20070517; JP 5230924 B2 20130710; KR 101302439 B1 20130902; KR 20070045965 A 20070502; US 2007095811 A1 20070503; US 7829824 B2 20101109

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