

Title (en)

Glow plug with pressure sensor for a diesel engine

Title (de)

Druckmessglühkerze für einen Dieselmotor

Title (fr)

Bougie de préchauffage avec capteur de pression pour moteur diesel

Publication

**EP 1637806 B1 20120201 (DE)**

Application

**EP 05015804 A 20050720**

Priority

DE 102004044727 A 20040915

Abstract (en)

[origin: EP1637806A2] The plug has a plug body inserted into a cylinder of a diesel engine. A heating rod (1) displaceably arranged in the plug body slides in an axial direction in response to the plug body. A pressure sensor (7) is arranged between the heating rod and the plug body under an initial tension. A seal in form of a bellows-shaped component (2) is provided between the heating rod and the plug body.

IPC 8 full level

**F23Q 7/00** (2006.01)

CPC (source: EP KR US)

**F23Q 7/00** (2013.01 - KR); **F23Q 7/001** (2013.01 - EP US); **F23Q 7/22** (2013.01 - KR); **F02P 19/028** (2013.01 - EP US); **F23Q 2007/002** (2013.01 - EP US)

Cited by

CN102539065A; EP2469256A1; CN110430744A; DE102007013119A1; WO2006111439A1; WO2009036724A3; DE102011088468A1; WO2013087564A1; US9709272B2; WO2007073959A1; WO2009053170A1

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 1637806 A2 20060322**; **EP 1637806 A3 20060412**; **EP 1637806 B1 20120201**; AT E544034 T1 20120215; JP 2006084468 A 20060330; JP 5132046 B2 20130130; KR 101229962 B1 20130206; KR 20060051268 A 20060519; US 2006053875 A1 20060316; US 7228730 B2 20070612

DOCDB simple family (application)

**EP 05015804 A 20050720**; AT 05015804 T 20050720; JP 2005264597 A 20050913; KR 20050085361 A 20050913; US 22408805 A 20050913