

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

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DOCDB simple family (publication)

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DOCDB simple family (application)

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