

Title (en)

PRE-HEATING GLOW PLUG FOR HEAT ENGINE

Title (de)

VORWÄRMENDE GLÜHKERZE FÜR WÄRMEKRAFTMASCHINE

Title (fr)

BOUGIE DE PRÉCHAUFFAGE POUR MOTEUR THERMIQUE

Publication

**EP 3152494 A1 20170412 (FR)**

Application

**EP 15730075 A 20150528**

Priority

- FR 1455149 A 20140606
- EP 2015061818 W 20150528

Abstract (en)

[origin: WO2015185436A1] The invention relates to a pre-heating and post-heating glow plug comprising: a conductive metal sleeve (130) fixed around the rear of the heating cartridge (110), a metal fitting (150) provided with a thread (151) and a tool grip (152) on the outside thereof, a tubular body (140) made of a plastic material arranged over the central electrode (120), forming a tapered cylinder shape (142) with the insertion of sliding cups (170), and projecting beyond the rear of the fitting. A connector (160) is engaged over the central electrode (120) and welded in order to secure same.

IPC 8 full level

**F23Q 7/00** (2006.01)

CPC (source: CN EP)

**F23Q 7/001** (2013.01 - CN EP); **F23Q 2007/004** (2013.01 - CN EP)

Citation (search report)

See references of WO 2015185436A1

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)

**WO 2015185436 A1 20151210; WO 2015185436 A9 20160204**; CN 106415130 A 20170215; EP 3152494 A1 20170412; FR 3022012 A1 20151211; FR 3022012 B1 20160812

DOCDB simple family (application)

**EP 2015061818 W 20150528**; CN 201580029951 A 20150528; EP 15730075 A 20150528; FR 1455149 A 20140606