

Title (en)

Method of manufacturing a bi-material glow plug

Title (de)

Verfahren zur Herstellung einer Zündkerze aus zwei Materialien

Title (fr)

Procédé de fabrication d'une bougie de préchauffage à bimatiériaux

Publication

EP 2725298 B1 20171122 (EN)

Application

EP 12190090 A 20121026

Priority

EP 12190090 A 20121026

Abstract (en)

[origin: EP2725298A1] The invention relates to a method of manufacturing a glow plug (1) in which a metal distal tube (2) is fitted-on around a heating rod (3) made of ceramic material, a metal proximal tube (4) is rigidly joined, by a distal end (5) of the said proximal tube (4), to a proximal end (6) of the distal tube (2), and the proximal tube (4) is joined to a plug body (7) in such a way that at least one distal portion of the proximal tube (4) projects from a distal end (8) of the plug body.

IPC 8 full level

F23Q 7/00 (2006.01)

CPC (source: EP)

F23Q 7/001 (2013.01); **F23Q 2007/004** (2013.01)

Citation (examination)

- EP 1707883 A1 20061004 - BOSCH CORP [JP]
- WO 2007096208 A1 20070830 - BOSCH GMBH ROBERT [DE], et al
- JP S5866720 A 19830421 - NGK SPARK PLUG CO
- DE 102004061872 A1 20050804 - DENSO CORP [JP]

Cited by

JP2017527769A; WO2016050541A1; JP2014231940A

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

DOCDB simple family (publication)

EP 2725298 A1 20140430; EP 2725298 B1 20171122; EP 2912378 A1 20150902; EP 2912378 B1 20171129; WO 2014064279 A1 20140501

DOCDB simple family (application)

EP 12190090 A 20121026; EP 13783897 A 20131025; EP 2013072455 W 20131025