

Title (en)

PENCIL-TYPE GLOW PLUG WITH A GLOW PENCIL PROVIDED IN THE FORM OF A PRESSURE SENSOR

Title (de)

GLÜHSTIFTKERZE MIT ALS DRUCKSENSOR AUSGEBILDETEM GLÜ HST IFT

Title (fr)

BOUGIE CRAYON DE PRECHAUFFAGE MUNIE D'UN CRAYON DE PRECHAUFFAGE SOUS FORME DE CAPTEUR DE PRESSION

Publication

**EP 1664526 A1 20060607 (DE)**

Application

**EP 04762532 A 20040728**

Priority

- DE 2004001687 W 20040728
- DE 10342487 A 20030915

Abstract (en)

[origin: WO2005026534A1] The invention relates to a pencil-type glow plug for a combustion engine, essentially comprised of a plug housing and of a connecting pin, which is placed inside the plug housing, and relates to a glow pencil that can brought into contact with the connecting pin. The glow pencil (3) has pressure-dependent electrical properties and can be used as a pressure sensor, whereby the deformation of the glow pencil (3) due to pressure can be detected by a measuring device (11).

IPC 1-7

**F02P 19/02**; **F23Q 7/00**

IPC 8 full level

**F23Q 7/00** (2006.01); **G01L 23/22** (2006.01)

CPC (source: EP)

**F23Q 7/001** (2013.01); **G01L 23/22** (2013.01); **F02P 19/028** (2013.01); **F23Q 2007/002** (2013.01)

Citation (search report)

See references of WO 2005026534A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005026534 A1 20050324**; DE 10342487 A1 20050407; EP 1664526 A1 20060607; JP 2007501909 A 20070201

DOCDB simple family (application)

**DE 2004001687 W 20040728**; DE 10342487 A 20030915; EP 04762532 A 20040728; JP 2006522884 A 20040728