

Title (en)

Glow plug comprising an electrically insulating sleeve and method of manufacturing the said plug

Title (de)

Zündkerze mit elektrisch isolierender Hülle und Verfahren zur Herstellung dieser Kerze

Title (fr)

Bougie de préchauffage comprenant une gaine électriquement isolante et procédé de fabrication de la bougie

Publication

**EP 2725299 A1 20140430 (EN)**

Application

**EP 12190099 A 20121026**

Priority

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Abstract (en)

The invention relates to a glow plug comprising a hollow body (7), a proximal rod (6) connected electrically to an external connector (20), a heating rod (3) and a distal rod (2), characterised in that the glow plug comprises an electrically insulating internal sleeve (5) disposed between the conducting rods (2, 6) and the plug body (7), the said sleeve bringing about mechanical and electrical contact between the proximal rod (6) and the distal rod (2) at their joint, and keeping the conducting rods (2, 6) at a distance from the plug body (7).

IPC 8 full level

**F23Q 7/00** (2006.01)

CPC (source: EP)

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

Citation (applicant)

EP 1707883 A1 20061004 - BOSCH CORP [JP]

Citation (search report)

- [Y] DE 102004061872 A1 20050804 - DENSO CORP [JP]
- [Y] DE 10249408 A1 20030605 - DENSO CORP [JP]
- [AD] EP 1707883 A1 20061004 - BOSCH CORP [JP]
- [A] EP 1391656 A2 20040225 - NGK SPARK PLUG CO [JP]

Cited by

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**EP 2725299 A1 20140430; EP 2725299 B1 20161019**; EP 2912379 A1 20150902; EP 2912379 B1 20161228; WO 2014064285 A1 20140501

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**EP 12190099 A 20121026**; EP 13785402 A 20131028; EP 2013072467 W 20131028