

Title (en)
Glow plug

Title (de)
Glühstiftkerze

Title (fr)
Bougie de préchauffage

Publication
EP 2105670 A3 20171122 (DE)

Application
EP 09100081 A 20090128

Priority
DE 102008015598 A 20080326

Abstract (en)
[origin: EP2105670A2] The heater plug has housing and a glow plug (13) which is fixed in a longitudinal bore of the housing. The glow pin has a glow tube (14) which is locked at combustion chamber lateral end (15). A resistance element (17) as a heating unit is embedded into an insulating material in the interior of the glow tube and extends in axial direction. The resistance element is provided with a connecting unit (19) for an electrical circuit. The resistance element has a junction which forms a safety fuse for the electrical circuit.

IPC 8 full level
F23Q 7/00 (2006.01)

CPC (source: EP)
F23Q 7/001 (2013.01)

Citation (search report)

- [A] US 5206483 A 19930427 - AOTA TAKASHI [JP]
- [A] DE 4028860 A1 19910502 - JIDOSHA KIKI CO [JP]
- [A] US 5468933 A 19951121 - ELLER MARTIN [DE]
- [A] WO 9013775 A1 19901115 - BOSCH GMBH ROBERT [DE]

Cited by
DE102011118724A1; DE102011118724B4; WO2014206671A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2105670 A2 20090930; EP 2105670 A3 20171122; DE 102008015598 A1 20091001

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EP 09100081 A 20090128; DE 102008015598 A 20080326