

Title (en)

Attachment structure of glow plug

Title (de)

Verbindungsstruktur für Glühkerze

Title (fr)

Structure de connexion pour bougie de préchauffage

Publication

**EP 1096140 B2 20081217 (EN)**

Application

**EP 00123123 A 20001025**

Priority

JP 30581899 A 19991027

Abstract (en)

[origin: EP1096140A2] A first glow plug (100) and second through fourth glow plugs (200) are attached to an engine head (1). Each glow plug (100, 200) includes a plug body (700). The first glow plug (100) includes a pressure sensor (300), and is independently connected to a ring crimp terminal (400), which is separated from other glow plugs (200). Thus, a mechanical vibration due to a connecting bar (2) deflection between the second through fourth glow plugs (200) does not influence the first glow plug (100) including the pressure sensor (300). <IMAGE>

IPC 8 full level

**F02P 19/00** (2006.01); **F23Q 7/00** (2006.01); **G01L 23/10** (2006.01); **G01L 23/22** (2006.01)

CPC (source: EP)

**F02P 19/00** (2013.01); **F23Q 2007/002** (2013.01)

Citation (opposition)

Opponent :

- DE 2926844 C2 19840719
- DE 3713835 C2 19901025
- DE 3608602 C2 19900104
- DE 3224587 A1 19840105 - BAYERISCHE MOTOREN WERKE AG [DE]
- DE 9112300 U1 19911128

Cited by

EP2863050A3; DE102004002905A1; DE102004002905B4; FR3007081A1; US7193183B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1096140 A2 20010502; EP 1096140 A3 20031105; EP 1096140 B1 20041215; EP 1096140 B2 20081217**; DE 60016700 D1 20050120; DE 60016700 T2 20060413; DE 60016700 T3 20090723; JP 2001123930 A 20010508

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