

Title (en)

Glow plug for diesel engine and method of manufacturing same

Title (de)

Glühkerze für Dieselmotoren und Verfahren zum Herstellen derselben

Title (fr)

Bougie d'allumage à incandescence pour moteurs diesel et son procédé de fabrication

Publication

EP 1308672 A2 20030507 (EN)

Application

EP 02017728 A 20020808

Priority

JP 2001336796 A 20011101

Abstract (en)

A sufficient area is secured for a seat area 26 which is to be disposed in abutment against a cylinder head when the external diameter of a housing 20 (a fixture for mounting a glow plug on a cylinder head) is reduced while maintaining the internal diameter unchanged. A press fit region 24b is defined in an internal bore 24 of a housing 20 toward the distal end 20a, and a rear portion of a sheath 12 to which a ceramics heater 2 is secured is disposed as a press fit in the press fit region 24b to be secured therein. The sheath 12 has a portion 12b of an increased diameter which is inserted into the housing 20 and a portion 12a of a reduced diameter in which the ceramics heater 2 is contained and which projects externally. The internal bore 24 of the housing 20 has an opening 24e which is of a smaller diameter than the press fit region 24b, increasing the radial breadth of the seat area 26 formed on the front end face of the housing 20.

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