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(54) **Glow plug for diesel engine and method of manufacturing same**

(57) 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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FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 02 01 7728

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F23Q
H05B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	25 July 2006	Vanheusden, J

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
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