(11) **EP 1 669 557 A8**

(12)

CORRECTED EUROPEAN PATENT APPLICATION

published in accordance with Art. 158(3) EPC Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A1) INID code(s) 71

(48) Corrigendum issued on: **04.10.2006 Bulletin 2006/40**

(43) Date of publication: **14.06.2006 Bulletin 2006/24**

(21) Application number: 04788310.3

(22) Date of filing: 29.09.2004

DE FR GB

(84) Designated Contracting States:

(30) Priority: 30.09.2003 JP 2003341540

(71) Applicant: Mitsubishi Materials PMG Corporation Niigata-shi, Niigata 950-8640 (JP)

(72) Inventors:

 MORIMOTO, Koichiro, Mitsubishi Materials PMG Corp. Niigata-shi, Niigata 9508640 (JP)

 HANATA, Kunio, Mitsubishi Materials PMG Corp. Niigata-shi, Niigata 9508640 (JP) (51) Int Cl.:

F01L 3/02 (2006.01) C22C 38/06 (2006.01) C22C 38/00 (2006.01) C22C 33/02 (2006.01)

(86) International application number: **PCT/JP2004/014244**

(87) International publication number: WO 2005/031125 (07.04.2005 Gazette 2005/14)

NISHIDA, Takashi,
 Mitsubishi Materials PMG Corp.
 Niigata-shi,
 Niigata 9508640 (JP)

SAKAI, Tomohiro, Mitsubishi Materials PMG Corp.

Niigata-shi, Niigata 9508640 (JP)

(74) Representative: HOFFMANN EITLE Patent- und Rechtsanwälte Arabellastrasse 4 81925 München (DE)

(54) VALVE SHEET FOR ENGINE

(57) It is an object to provide a valve seat for an engine which is provided in a seat-mounting portion provided at an inlet or outlet of a cylinder head formed by an aluminum alloy and has resistance to galvanic corrosion.

A Fe-based valve seat 10 that is provided in a seat-mounting portion at an inlet 6 of a cylinder head 2 formed by aluminum alloy is made of a Fe-Al-based material. The Fe-Al-based material contains Al in the range of 15 to 23% by weight. Galvanic corrosion is prevented by decreasing a potential difference between the seat-mounting portion 13 of the cylinder-head 2 and the valve-seat 2 as much as possible.

