

Title (en)
VALVE SHEET FOR ENGINE

Title (de)
VENTILPLATTE FÜR MOTOR

Title (fr)
PLAQUE DE SOUPAPE POUR MOTEUR

Publication
EP 1669557 A1 20060614 (EN)

Application
EP 04788310 A 20040929

Priority
• JP 2004014244 W 20040929
• JP 2003341540 A 20030930

Abstract (en)
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.

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