

Title (en)

Valve seat ring with cylindrical outer surface

Title (de)

Ventilsitzring mit zylindrischer Aussenfläche

Title (fr)

Siège de soupape avec une surface extérieur cylindrique

Publication

**EP 1630364 B1 20080130 (DE)**

Application

**EP 05014597 A 20050706**

Priority

DE 102004039307 A 20040812

Abstract (en)

[origin: EP1630364A1] Valve seat ring (3) comprises a cylindrical outer surface inserted into a cylindrical bore of a cylinder head (1) of an internal combustion engine to an excess of not more than 1.5 per thousand. The valve seat ring is made from a material having a low heat expansion and the cylinder head is made from a material with a larger heat expansion. Preferred Features: The excess is at least 0.1 per thousand, preferably at least 0.5 per thousand.

IPC 8 full level

**F01L 3/22** (2006.01); **F01L 3/00** (2006.01)

CPC (source: EP)

**F01L 3/00** (2013.01); **F01L 3/22** (2013.01)

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