

Title (en)

A cylinder liner for an internal-combustion engine and an engine provided with such a liner

Title (de)

Zylinderbüchse für eine Brennkraftmaschine und Brennkraftmaschine mit dieser Büchse

Title (fr)

Chemise-cylindre pour un moteur à combustion interne et moteur avec cette chemise

Publication

EP 1391602 B1 20080820 (EN)

Application

EP 03017193 A 20030729

Priority

IT TO20020748 A 20020823

Abstract (en)

[origin: EP1391602A1] An internal-combustion engine (5) comprising an engine block (6) provided with at least one cylinder (7), a liner (8) fitted in the cylinder (7) and a cylinder head (12) mounted on the engine block (6); the liner (8) comprises a cylindrical side wall (9) and an upper collar (20) accommodated in a seating (17) of the engine block surrounding the cylinder (7) and provided with an elastically deformable portion (16) projecting upwards, in the undeformed condition, beyond an upper surface (14) of the engine block (6) so that when the cylinder head (12) is mounted on the engine block (6) this portion (16) is deformed and co-operates elastically in a fluidtight manner with a lower surface (13) of said cylinder head. <IMAGE>

IPC 8 full level

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CPC (source: EP)

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