

Title (en)

Crank case for an internal combustion piston engine

Title (de)

Gehäuse für eine Hubkolben-Brennkraftmaschine

Title (fr)

Bâtiment pour un moteur à combustion interne aux pistons

Publication

EP 0771944 A1 19970507 (DE)

Application

EP 96115004 A 19960919

Priority

DE 19540763 A 19951102

Abstract (en)

The casing has a metallic inner section (1) with cylinders (3,4). The inner section has integrally formed liners (5,6), consisting of the same material. The liners extend between an upper connection plane for the cylinder heads, and a plane, which is located between a lower connection plane and a cover plate (7). Cast stiffening bridges (17) are located in the area of the cover plate between the liners and the screw posts (8). The cover plate has a circumferential claw connection section (20), and a corresponding part of the outer casing section is cast around this.

Abstract (de)

Ein aus einem einstückig und materialeinheitlich aus einem Graugußwerkstoff gefertigten Innenteil (1) und einem darum gegossenen Außenteil aus einem Leichtmetallwerkstoff bestehendes Gehäuse weist zur Erzielung eines verzugsfreien Aufbaus und akustisch günstiger Lauf- und Dämpfungseigenschaften einstückig mit diesem Innenteil (1) ausgebildete Laufbuchsen (5, 6) und Schraubenpfeifen (8) auf. <IMAGE>

IPC 1-7

F02F 7/00; B22D 19/00

IPC 8 full level

F02F 7/00 (2006.01)

CPC (source: EP)

F02F 7/0007 (2013.01); **F02F 7/0024** (2013.01); **F02F 2001/104** (2013.01); **F02F 2001/106** (2013.01)

Citation (search report)

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