

Title (en)

ARRANGEMENT OF A TIMING CASE COVER

Title (de)

ANORDNUNG EINES STEUERGEHÄUSEDECKELS

Title (fr)

AGENCEMENT D'UN COUVERCLE DE CARTER DE DISTRIBUTION

Publication

**EP 1799988 B1 20130403 (DE)**

Application

**EP 05792168 A 20051001**

Priority

- EP 2005010621 W 20051001
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Abstract (en)

[origin: WO2006040029A1] The invention relates to an arrangement of a timing case cover on a reciprocating piston internal combustion engine, which comprises a cylinder crankcase (ZKG), a crankshaft rotatably received in the cylinder crankcase, an oil sump sealing the cylinder crankcase towards the bottom, and a timing case cover mounted on the front face of the cylinder crankcase. Said timing case cover rests against the cylinder crankcase via a front-face sealing surface and is provided with a passage for leading the driving torque out of the crankshaft for an auxiliary drive. The aim of the invention is to provide a reliably sealed and very compact internal combustion engine. For this purpose, the sealing surface of the timing case cover or the timing case cover itself is configured to slant, when seen from the side, downwards towards the interior, thereby creating a timing case volume which decreases downwards in terms of its depth at the cylinder crankcase end.

IPC 8 full level

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