

Title (en)

Oil pump arrangement for an internal combustion engine

Title (de)

Ölversorgungssystem eines Verbrennungsmotors

Title (fr)

Système d'alimentation d'huile d'un moteur à combustion interne

Publication

EP 1785611 B1 20071031 (EN)

Application

EP 06124080 A 20061114

Priority

- EP 05110704 A 20051114
- EP 06124080 A 20061114

Abstract (en)

[origin: EP1785611A1] An internal combustion engine has a power unit case having a crankcase, a first housing flange and a second housing flange. The crankshaft axis and the output shaft axis define a reference plane. An oil pump has an oil pump shaft, having an oil pump shaft axis, disposed at least partially in an oil pump chamber. A normal projection of the oil pump shaft axis onto the reference plane is located between the crankshaft axis and the output shaft axis. A first housing cover is mounted to the first housing flange on a first side of the power unit case. A separate oil pump cover is mounted to the second housing flange on the first side of the power unit case to close the oil pump chamber.

IPC 8 full level

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CPC (source: EP)

F01M 1/02 (2013.01); **F02B 61/02** (2013.01); **F01M 2001/0284** (2013.01)

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