

Title (en)

INTERNAL COMBUSTION ENGINE WITH LUBRIFICATION BY CIRCULATION OF OIL UNDER PRESSURE ACCORDING TO THE DRY SUMP PRINCIPLE

Title (de)

BRENNKRAFTMACHINE MIT DRUCKUMLAUFSCHMIERUNG NACH DEM TROCKENSUMPFPRINZIP

Title (fr)

MOTEUR A COMBUSTION INTERNE A LUBRIFICATION PAR CIRCULATION FORCEEE SELON LE PRINCIPE DE LA LUBRIFICATION A CARTER SEC

Publication

EP 1761687 A1 20070314 (DE)

Application

EP 05733654 A 20050415

Priority

- EP 2005003986 W 20050415
- DE 102004030352 A 20040623

Abstract (en)

[origin: WO2006000268A1] Internal combustion engine with lubrication by circulation of oil under pressure according to the dry sump principle, in particular for an opposed cylinder engine with a crankcase with an oil suction chamber (12, 12') formed in its bottom part from which lubricant oil is conveyed via an oil recirculating pump (18) provided with an oil suction line (20) to an oil reservoir (16, 52, 54, 56), while the lubricant oil in the oil reservoir is supplied to the consumers via a main feed pump (28). It is proposed to also integrate the oil reservoir (16, 52, 54, 56), which forms the wet sump, in the crankcase of the internal combustion engine.

IPC 8 full level

F01M 1/12 (2006.01); **F01M 13/02** (2006.01); **F02B 75/24** (2006.01)

CPC (source: EP US)

F01M 1/12 (2013.01 - EP US); **F01M 13/022** (2013.01 - EP US); **F02B 75/243** (2013.01 - EP US); **F01M 2001/126** (2013.01 - EP US)

Citation (search report)

See references of WO 2006000268A1

Cited by

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