

Title (en)  
INTERNAL COMBUSTION ENGINE WITH LUBRICATION BY CIRCULATION OF OIL UNDER PRESSURE ACCORDING TO THE DRY SUMP PRINCIPLE

Title (de)  
BRENNKRAFTMASCHINE 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 1761689 B1 20111130 (DE)**

Application  
**EP 05739627 A 20050415**

Priority  
• EP 2005003992 W 20050415  
• DE 102004030353 A 20040623

Abstract (en)  
[origin: US2008245613A1] An internal combustion engine having pressure lubrication according to the dry sump principle, in particular for an opposed cylinder engine, has a crankcase in which an oil suction space (dry sump) is formed in the lower part. The lubricant oil is conveyed from the oil suction space to an oil supply container (wet sump) via an oil return pump equipped with an oil suction line. The lubricant oil in the oil supply tank and/or in the oil supply space is conveyed to the consumer via a main delivery pump. An annular space arranged around the cylinder is provided as part of the oil returned to the oil supply tank.

IPC 8 full level  
**F01M 13/02** (2006.01); **F02B 75/24** (2006.01)

CPC (source: EP US)  
**F01M 13/02** (2013.01 - EP US); **F02B 75/243** (2013.01 - EP US)

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