

Title (en)  
Internal combustion engine with overhead camshaft and vertical crankshaft

Title (de)  
Brennkraftmotor mit obenliegender Nockenwelle und vertikaler Kurbelwelle

Title (fr)  
Moteur à combustion interne avec arbre à came à tête et vilebrequin vertical

Publication  
**EP 0620361 B1 19960221 (DE)**

Application  
**EP 93119844 A 19931209**

Priority  
DE 4312497 A 19930416

Abstract (en)  
[origin: EP0620361A1] In an internal combustion engine (10) with a crankshaft (12) vertical in a normal position, at least one overhead camshaft (16) and a transmission (60) between crankshaft (12) and camshaft (16) with plane of motion inside a transmission chamber perpendicular to the crankshaft axis (14), it is proposed to design the transmission chamber (70) as an oil reservoir in such a way that in the normal position and in some inclined positions of the engine a section of the transmission (60), at any one time situated at the lowest point, is immersed in the oil, in order thereby to achieve reliable engine lubrication. <IMAGE>

IPC 1-7  
**F01M 9/06**; F01M 1/02; F02B 75/00

IPC 8 full level  
**F01M 1/02** (2006.01); **F01M 9/06** (2006.01); **F02B 75/00** (2006.01); **F02B 75/02** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)  
**F01M 1/02** (2013.01 - EP US); **F01M 9/06** (2013.01 - EP US); **F02B 75/007** (2013.01 - EP US); **F02B 2075/027** (2013.01 - EP US); **F02B 2275/20** (2013.01 - EP US); **F02F 7/006** (2013.01 - EP US)

Cited by  
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