

Title (en)  
Internal combustion engine having a plurality of cylinders

Title (de)  
Mehrzylindrige Brennkraftmaschine

Title (fr)  
Moteur à combustion interne ayant plusieurs cylindres

Publication  
**EP 1691042 B1 20080123 (DE)**

Application  
**EP 05023607 A 20051028**

Priority  
DE 102005001863 A 20050114

Abstract (en)  
[origin: EP1691042A1] Multicylinder internal combustion engine has crank case upper part (2) and crank case lower part (4) in which bearing blocks (12) are formed for seating a crankshaft (10). Individual oil suction chambers (14a-14d) are formed in crank case lower part and each is assigned an oil suction pump (22a-22d) and are integrated with the crank case lower part.

IPC 8 full level  
**F01M 11/00** (2006.01); **F02F 7/00** (2006.01); **F01M 1/02** (2006.01); **F01M 1/12** (2006.01); **F01M 13/00** (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP)  
**F01M 11/0004** (2013.01); **F01M 2001/0284** (2013.01); **F01M 2011/002** (2013.01); **F01M 2011/0079** (2013.01); **F01M 2013/0422** (2013.01); **F01M 2013/0433** (2013.01)

Cited by  
DE102010011477A1; DE102008022444A1; CN102748087A

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 1691042 A1 20060816; EP 1691042 B1 20080123**; DE 102005001863 A1 20060720; DE 502005002651 D1 20080313

DOCDB simple family (application)  
**EP 05023607 A 20051028**; DE 102005001863 A 20050114; DE 502005002651 T 20051028