

Title (en)  
Internal combustion engine

Title (de)  
Brennkraftmaschine

Title (fr)  
Moteur à combustion interne

Publication  
**EP 1092849 A3 20020417 (EN)**

Application  
**EP 00122171 A 20001012**

Priority  
JP 28902999 A 19991012

Abstract (en)  
[origin: EP1092849A2] Internal combustion engine comprises a cylinder formed in an engine body, a piston disposed for sliding in the cylinder, and a crankshaft connected to the piston through a connecting rod, characterized in that the cylinder axis L2 is displaced in the direction opposite the direction of the lateral component F of the thrust acting on the piston relative to a line L1 parallel to the cylinder and passing the axis of the crankshaft.

IPC 1-7  
**F02B 61/04**; **F02F 7/00**

IPC 8 full level  
**B63H 20/00** (2006.01); **F02B 61/04** (2006.01); **F02B 67/00** (2006.01); **F02B 75/16** (2006.01); **F02B 75/32** (2006.01); **F02F 1/00** (2006.01); **F02F 7/00** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)  
**F02B 61/045** (2013.01); **F02B 75/16** (2013.01); **F02F 7/0019** (2013.01); **F02B 2075/027** (2013.01); **F05C 2201/021** (2013.01)

Citation (search report)

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- [A] US 5443044 A 19950822 - VANRENS RUSSELL J [US]
- [A] EP 0902174 A2 19990317 - HONDA MOTOR CO LTD [JP]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 395 (M - 1016) 27 August 1990 (1990-08-27)

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Designated contracting state (EPC)  
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**EP 1092849 A2 20010418**; **EP 1092849 A3 20020417**; **EP 1092849 B1 20060628**; JP 2001107800 A 20010417

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**EP 00122171 A 20001012**; JP 28902999 A 19991012