

Title (en)
Internal combustion engine

Title (de)
Brennkraftmaschine

Title (fr)
Moteur à combustion interne

Publication
EP 1092848 A3 20020417 (EN)

Application
EP 00122164 A 20001012

Priority
JP 28903099 A 19991012

Abstract (en)
[origin: EP1092848A2] Internal combustion engine comprising a cylinder formed in an engine body, a piston disposed for sliding within the cylinder, and a crankshaft connected to the piston by way of a connecting rod, with the axis of the cylinder displaced in the direction opposite the lateral component of the thrust F acting on the piston relative to the line L1 passing the axis of the crankshaft and parallel to the cylinder, characterized in that the center of gravity of a counterweight provided in the crankshaft is positioned near the above-mentioned line L1 parallel to the cylinder.
<IMAGE>

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

IPC 8 full level
F02B 61/04 (2006.01); **F02B 75/16** (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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CN102575580A; US10865734B2

Designated contracting state (EPC)
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EP 1092848 A2 20010418; **EP 1092848 A3 20020417**; **EP 1092848 B1 20061213**

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