

Title (en)

Combustion engine with fuel pump

Title (de)

Verbrennungskraftmaschine mit Kraftstoffpumpe

Title (fr)

Moteur à combustion interne doté d'une pompe à carburant

Publication

**EP 2375030 A3 20120215 (DE)**

Application

**EP 11161246 A 20110406**

Priority

DE 102010016357 A 20100407

Abstract (en)

[origin: EP2375030A2] The piston engine (1) has a crankshaft (35) lying in a crankshaft housing (25) of the piston engine, which has a combustion chamber (5) limited by a piston (3). The crankshaft has a crankshaft wall (37) and a crankshaft shank. The crankshaft shank is provided with a drive element of a fuel pump directly in interference. An independent claim is also included for a method for operating piston engine.

IPC 8 full level

**F02B 63/06** (2006.01); **F02M 37/06** (2006.01); **F02M 39/02** (2006.01); **F02M 59/10** (2006.01); **F04B 9/04** (2006.01)

CPC (source: EP)

**F02B 63/06** (2013.01); **F02M 37/06** (2013.01); **F02M 39/02** (2013.01); **F02M 59/025** (2013.01); **F02M 59/102** (2013.01); **F04B 9/042** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 11161246 A 20110406; DE 102010016357 A 20100407**