

Title (en)

Two-stroke engine.

Title (de)

Zweitakt-Brennkraftmaschine.

Title (fr)

Moteur à deux temps.

Publication

EP 0302045 B2 19941117 (DE)

Application

EP 88890184 A 19880711

Priority

AT 193787 A 19870730

Abstract (en)

[origin: EP0302045A2] In a two-stroke internal combustion engine with crankcase scavenging with an overflow pipe (2) whose overflow aperture (12) into the cylinder (1) is controlled by the engine piston (4), in order to improve the mixture formation and to reduce the fuel consumption and emission of hydrocarbons, it is proposed that the injection jet (7) of the injection nozzle (5) be directed onto the side (8) facing the cylinder chamber (1) and at least predominantly onto that half of the piston head (4) opposite the outlet aperture (13), the axis (7') of the injection jet (7) enclosing an angle (α) with the piston axis (10) which is smaller than 90 DEG . <IMAGE>

IPC 1-7

F02M 69/10; **F02M 69/04**; **F02B 33/04**

IPC 8 full level

F02B 1/08 (2006.01); **F02B 23/00** (2006.01); **F02B 23/10** (2006.01); **F02B 25/16** (2006.01); **F02M 61/14** (2006.01); **F02M 69/04** (2006.01); **F02M 69/10** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)

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Cited by

WO2010063048A1; US6092494A; EP0474623A3; US5791304A; DE10229365B4; EP0661431A3; US5553579A; US2014116392A1; US9046068B2; AT515564A1; AT515564B1; CN105917106A; US6079379A; US5762040A; AT507635B1; FR2692625A1; US5284111A; DE4219955B4; WO2015113096A1; US6851402B2; US6293235B1; US6899067B2; WO0169544A1; FR2844300A1; DE102017102792A1; JP2020506329A; US6691649B2; US6286469B1; WO9838419A1; US6273037B1; US6295957B1; US6912979B2; WO2018146251A1; US11149676B2

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