

Title (en)

Two stroke engine having a control means for the valve movement

Title (de)

Zweitaktbrennkraftmaschine mit Ventilbewegungssteuerungsmitteln

Title (fr)

Moteur deux temps ayant un moyen de contrôle du mouvement de la soupape

Publication

**EP 0789138 B1 20000405 (FR)**

Application

**EP 97400225 A 19970131**

Priority

FR 9602048 A 19960212

Abstract (en)

[origin: EP0789138A1] The engine consists of at least one cylinder (111) containing a reciprocating piston (112). One end of the piston is connected to a crankcase pump (115) containing the engine's crankshaft (114). A pressure pipe (87) has one end connected to the crankcase-pump and the other to the combustion chamber (113), controlled by a valve (86). The valve is actuated by a membrane unit (82) in which a supple membrane (89) separates first and second chambers (95a,95b) and is connected to the valve stem. The engine has a connecting pipe (92) between the second membrane chamber (95b) and the cylinder (111). This pipe is designed to delay the opening of the valve by controlling the pressure in the chamber. It has a second connecting pipe between the first chamber (95a) and the cylinder which is longer than the first connecting pipe and linked to it by a branch.

IPC 1-7

**F02B 25/26**; **F02B 33/04**; **F02M 69/08**; **F02M 69/10**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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