

Title (en)

TWO-STROKE ENGINE WITH PNEUMATIC INJECTION AND FLOW THROTTLE IN AT LEAST ONE TRANSFER PASSAGE

Publication

EP 0406079 B1 19930922 (FR)

Application

EP 90401786 A 19900622

Priority

FR 8908760 A 19890628

Abstract (en)

[origin: EP0406079A2] The engine comprises a cylinder (1), a housing (3) connecting with one of the ends of the cylinder (1), at least one transfer pipe (10) joining the housing (3) to the cylinder (1), a fuel injector (15) fed with air under pressure by a capacitor (18) connected to the housing (3) and an exhaust pipe (8). A means (22) of restricting the passage of the gases is arranged in the transfer pipe. The opening and closing of this means is controlled and regulated as a function of at least one operating parameter of the engine. This arrangement allows the quality of fuel injection to be improved. <IMAGE>

IPC 1-7

F02B 33/04; F02B 33/44; F02M 67/02; F02M 69/08

IPC 8 full level

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CPC (source: EP US)

F02B 33/04 (2013.01 - EP US); **F02B 33/44** (2013.01 - EP US); **F02M 67/02** (2013.01 - EP US); **F02M 69/08** (2013.01 - EP US); **F02B 75/20** (2013.01 - EP US); **F02B 2075/025** (2013.01 - EP US); **F02D 2009/0291** (2013.01 - EP US)

Citation (examination)

EP 0182473 A1 19860528 - FORD MOTOR CO [GB], et al

Cited by

FR2663081A2; WO9415080A1

Designated contracting state (EPC)

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EP 0406079 A2 19910102; EP 0406079 A3 19910410; EP 0406079 B1 19930922; AT E94949 T1 19931015; DE 69003472 D1 19931028; DE 69003472 T2 19940120; FR 2649157 A1 19910104; FR 2649157 B1 19940422; JP H0347462 A 19910228; US 5090363 A 19920225

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