

Title (en)

Improvements in two-stroke internal combustion engine of the reciprocating piston type.

Title (de)

Verbesserungen an Zweitaktrennkraftmaschinen mit hin- und hergehendem Kolben.

Title (fr)

Perfectionnements aux moteurs alternatifs à combustion interne, du type à deux temps.

Publication

EP 0459848 B1 19941130 (FR)

Application

EP 91401150 A 19910430

Priority

FR 9006781 A 19900531

Abstract (en)

[origin: US5086735A] The two-stroke cycle engine employing intake and exhaust valves comprises a combustion and scavenging prechamber having substantially a shape of revolution about an axis and provided with an intake valve seat. Deflecting means or vanes are disposed inside the intake pipe as directly as possible on the upstream side of the seat so as to urge the mass of air into the combustion chamber in the manner of a whirl.

IPC 1-7

F02B 25/14

IPC 8 full level

F01L 1/00 (2006.01); **F02B 19/08** (2006.01); **F02B 19/18** (2006.01); **F02B 25/14** (2006.01); **F02B 3/06** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP US)

F02B 25/145 (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US); **F02B 2075/025** (2013.01 - EP US)

Cited by

WO9619650A3

Designated contracting state (EPC)

DE ES FR GB IT NL SE

DOCDB simple family (publication)

EP 0459848 A1 19911204; **EP 0459848 B1 19941130**; CN 1023826 C 19940216; CN 1063921 A 19920826; DE 69105355 D1 19950112; DE 69105355 T2 19950420; ES 2065632 T3 19950216; FR 2662745 A1 19911206; FR 2662745 B1 19920911; JP H04231618 A 19920820; US 5086735 A 19920211

DOCDB simple family (application)

EP 91401150 A 19910430; CN 91103570 A 19910531; DE 69105355 T 19910430; ES 91401150 T 19910430; FR 9006781 A 19900531; JP 15547391 A 19910531; US 69674591 A 19910507