

Title (en)
TWO-STROKE INTERNAL COMBUSTION ENGINE

Publication
EP 0252935 B1 19891227 (FR)

Application
EP 87900178 A 19861231

Priority
FR 8519506 A 19851231

Abstract (en)
[origin: WO8704217A1] Two-stroke internal combustion engine, particularly of the diesel type, which comprises at least one intake valve (10) having its seat arranged in the wall of a sweeping and combustion prechamber (13), and at least one exhaust valve (7), said engine being characterised in that the prechamber (13) communicates with the cylinder (1) via a transfer channel (14) of which the walls are at least partially substantially parallel to the axis (2) of the cylinder and of which the upright section perpendicular to said axis opens with a substantially oblong shape tangentially to the cylinder (1). An improved efficiency of the engine is achieved.

IPC 1-7
F02B 25/18

IPC 8 full level
F02B 25/00 (2006.01); **F02B 25/14** (2006.01); **F02B 25/18** (2006.01); **F02B 3/06** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP KR US)
F02B 25/145 (2013.01 - EP US); **F02B 25/18** (2013.01 - KR); **F02B 3/06** (2013.01 - EP US); **F02B 2075/025** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
WO 8704217 A1 19870716; AU 594997 B2 19900322; AU 6832487 A 19870728; DE 3667810 D1 19900201; EP 0252935 A1 19880120; EP 0252935 B1 19891227; FI 873667 A0 19870825; FI 873667 A 19870825; FR 2592430 A1 19870703; FR 2592430 B1 19900105; IN 166067 B 19900310; JP H0711248 B2 19950208; JP S63502045 A 19880811; KR 880700889 A 19880413; KR 940008265 B1 19940909; US 4854280 A 19890808; US 5014663 A 19910514

DOCDB simple family (application)
FR 8600451 W 19861231; AU 6832487 A 19861231; DE 3667810 T 19861231; EP 87900178 A 19861231; FI 873667 A 19870825; FR 8519506 A 19851231; IN 491CA1987 A 19870623; JP 50048786 A 19861231; KR 870700785 A 19870829; US 39020789 A 19890807; US 7224487 A 19870831