

Title (en)

FUEL-AIR MIXTURE FEED DEVICE FOR A TWO-STROKE INTERNAL COMBUSTION ENGINE

Title (de)

LUFT-BRENNSTOFF-GEMISCHZUFUHRVORRICHTUNG FÜR EINE ZWEITAKTBRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF D'ALIMENTATION EN MELANGE AIR-CARBURANT D'UN MOTEUR A EXPLOSION A DEUX TEMPS

Publication

**EP 0704017 A1 19960403 (FR)**

Application

**EP 94923771 A 19940802**

Priority

- FR 9400972 W 19940802
- FR 9309556 A 19930803

Abstract (en)

[origin: WO9504212A1] A fuel-air mixture feed device for a two-stroke internal combustion engine with compressed air scavenging in the crankcase (5). The device includes at least one cylinder (1), a piston (9) reciprocating therein, and a scavenging air compression casing. The cylinder comprises at least one exhaust port (11), at least one transfer port (12) and a fuel/air mixture feed port (16). A rotary shut-off unit (19) driven synchronously with the engine is associated with the fuel/air mixture feed port (16) supplying the combustion chamber (10), and located in an air reservoir (14) supplied with compressed air at a pressure higher than the pressure in the combustion chamber (10) when the exhaust port (11) is open.

IPC 1-7

**F02B 25/14**; **F01L 7/12**

IPC 8 full level

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CPC (source: EP US)

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See references of WO 9504212A1

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