

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

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Application

EP 94923771 A 19940802

Priority

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Abstract (en)

[origin: US5586525A] PCT No. PCT/FR94/00972 Sec. 371 Date Jan. 17, 1996 Sec. 102(e) Date Jan. 17, 1996 PCT Filed Aug. 2, 1994 PCT Pub. No. WO95/04212 PCT Pub. Date Feb. 9, 1995 Air/fuel mixture supply device for a two-stroke internal-combustion engine, of the type with scavenging by compressed air in the casing, comprising at least one cylinder, a piston capable of reciprocating motion in the cylinder, and a scavenging-air compression casing, the cylinder comprising at least one exhaust port, at least one transfer port and a port for introduction of an air/fuel mixture. A rotary closure member (19) driven in synchronism with the rotation of the engine is associated with the port (16) for introduction of the air/fuel mixture into the combustion chamber, this closure member being placed in an air reservoir (14) fed with air under a pressure greater than the pressure in the combustion chamber (10) after opening of the exhaust port (11).

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F02B 25/14; F01L 7/12

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