

Title (en)
LOOP-SCAVENGED TWO-STROKE INTERNAL COMBUSTION ENGINE

Title (de)
ZWEITAKTBRENNKRAFTMASCHINE MIT SCHLEIFENSPÜLUNG

Title (fr)
MOTEUR A COMBUSTION INTERNE A DEUX TEMPS A BALAYAGE EN BOUCLE

Publication
EP 0883735 A1 19981216 (FR)

Application
EP 97907144 A 19970227

Priority
• FR 9700354 W 19970227
• FR 9602502 A 19960228

Abstract (en)
[origin: FR2745328A1] An improvement to loop-scavenged two-stroke internal combustion engines with an intake valve (7) engaging a seat (10) for fresh air intake, and an exhaust valve (8) engaging a seat (13) for combustion gas exhaust, is disclosed. The valves are arranged in such a way that the fresh air intake scavenges a substantial part of the burnt gases. In at least one of said valves, the valve surface (21) located downstream from the valve face (9) and the surface (23) of the downstream extension of said seat (10) are configured in such a way that they form a substantially isentropic diffuser.

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F01L 1/28

IPC 8 full level
F01L 1/28 (2006.01); **F02B 75/02** (2006.01)

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