

Title (en)

Piston type internal combustion engine of annular section.

Title (de)

Kolbenverbrennungsmotor mit Ringquerschnitt.

Title (fr)

Moteur à combustion interne à piston avec section annulaire.

Publication

EP 0161440 A1 19851121 (EN)

Application

EP 85103660 A 19850327

Priority

CH 160284 A 19840401

Abstract (en)

In order to increase the volumetric efficiency of piston-type internal-combustion engines, a cylinder/piston torque of annular preferably circular, cross section, is provided for. In one four-stroke form, the value arrangement comprises several values (10, 11) arranged in a circle around one central value (14) concentric with the engine cylinder (2). The two-stroke versions comprise crank-case scavenging with different slot arrangement in the inner resp. outer cylinder wall (103, 2).

IPC 1-7

F02F 1/18; **F01B 7/20**; **F01L 1/26**; **F01L 5/20**; **F02B 25/04**; **F02B 25/06**; **F02B 33/04**; **F02F 3/00**

IPC 8 full level

F02B 75/40 (2006.01); **F01B 7/20** (2006.01); **F02B 23/00** (2006.01); **F02B 25/02** (2006.01); **F02B 25/14** (2006.01); **F02B 33/04** (2006.01); **F02F 1/18** (2006.01); **F02F 3/00** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)

F01B 7/20 (2013.01); **F02B 25/02** (2013.01); **F02B 25/14** (2013.01); **F02B 33/04** (2013.01); **F02F 1/18** (2013.01); **F02B 2075/025** (2013.01); **F02B 2075/027** (2013.01)

Citation (search report)

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