

Title (en)
INTEGRAL MOTOR

Title (de)
INTEGRALMOTOR

Title (fr)
MOTEUR INTEGRAL

Publication
EP 0663984 B1 19980722 (EN)

Application
EP 94900663 A 19931123

Priority
• BG 9300015 W 19931123
• BG 9799393 A 19930729

Abstract (en)
[origin: WO9504216A1] It is used in automobiles, tractors, ships, airplanes and other means of transport, heat-power industry, using the solar energy and everywhere that needs driving force, that works with any type sources of energy - liquid fuel, gas fuel, solid fuel, chemical fuel, electricity and solar energy, at high coefficient efficiency, economical and high driving moment, light, technological, with high wear resistance and automation of the processes with ecological cleanness and noiseless. The integral motor consists of: motor block (1), cast-in with head (3) and combustion chamber (2). In the block are made cylinders in which are put piston-connecting-rod groups, installed with neck-crankshaft (7) on the capsulated rolling bearings. In the motor head (3) of the block (1) is coupled gas-steam distribution shaft (14) and the control cylindrical slide valve, that is connected through holes with the evaporator cylinder in the combustion chamber (2), in that are coupled gas-oil burner (39), water injection nozzles (32), supplied with axial plunger pump (35), there is little steam turbine (49), steam condenser (48) and so on.

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F02F 1/00; **F01B 1/12**; **F02G 3/00**

IPC 8 full level
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