

Title (en)
Rotary engine.

Title (de)
Rotierende Maschine.

Title (fr)
Moteur rotatif.

Publication
EP 0271452 A1 19880615 (EN)

Application
EP 87830400 A 19871111

Priority
• IT 2122787 A 19870708
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Abstract (en)
The proposed rotary engine comprises a rotating block fitted with cylinders (103, 104, 119, 120) fixed in opposed pairs on the respective supports (102, 117) which are integral with each other and with a gear (114) that engages with other gears (115, 116), identical to each other and to the gear shaft (131, 132), that is rotationally driven in the opposite direction to the engine block, but at the same speed, there being provided on each driving shaft (131, 132) links that cooperate intermittently with a respective piston. The links on the driving shafts can consist in particular of arms (133, 136, 139, 142) at the ends of which are rollers (134, 135; 137, 138; 140, 141; 143, 144) that cooperate intermittently and alternately with the respective pistons (106, 105, 121, 122). The engine block may comprise, for example, two cylinder pairs (103, 104; 119, 120) having their axes perpendicular to each other. The engine according to the invention is preferably an internal combustion engine with spark ignition, the cylinder heads in this case being equipped with sparking plugs (177).

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IPC 8 full level
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