

FOUR ROTOR INTERNAL COMBUSTION ENGINE

ABSTRACT

A rotary positive-displacement internal combustion engine comprising two units of gear-type machines (10). One unit of the machine (51) performs the intake and compression of working fluid. After the above operations, the fluid is passed through a combustion chamber (56) where it is heated by the combustion of fuel contained in it or otherwise, and further passed into the second unit of the machine (52). The heated fluid expands in the second machine forcing it to rotate and hence produce useful work. Further rotation of the second machine causes the expanded working fluid to be expelled from the engine.

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