

Title (en)

INTERNAL COMBUSTION ENGINE HAVING ROTARY DISTRIBUTION VALVES

Title (de)

BRENNKRAFTMASCHINE MIT GASWECHSELDREHSCHIEBERANORDNUNGEN

Title (fr)

MOTEUR A COMBUSTION INTERNE, A OBTURATEURS DE DISTRIBUTION ROTATIFS

Publication

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Application

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Abstract (en)

[origin: US5690069A] PCT No. PCT/FR95/00362 Sec. 371 Date Sep. 18, 1996 Sec. 102(e) Date Sep. 18, 1996 PCT Filed Mar. 23, 1995 PCT Pub. No. WO95/26460 PCT Pub. Date Oct. 5, 1995A multi-cylinder internal combustion engine comprising a cylinder assembly with intake ports and exhaust ports arranged in register, wherein the distribution system for opening and closing said intake and exhaust ports include two rotary pipes each consisting of a plurality of mutually communicating aligned hollow valves. The rotary intake pipe and the rotary exhaust pipe are housed in an intake manifold and an exhaust manifold respectively, each defining a chamber surrounding said intake pipe and said exhaust pipe respectively over a large part of the periphery thereof, said chambers being sealed off from one another and arranged so that gaseous fluids can flow freely outside and along said rotary distribution pipes.

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