

Title (en)

PISTON ENGINE, ESPECIALLY PISTON INTERNAL COMBUSTION ENGINE WITH REINFORCED ENGINE BLOCK

Title (de)

KOLBENMASCHINE, INSBESONDERE KOLBENBRENNKRAFTMASCHINE MIT VERSTEIFTEM MOTORBLOCK

Title (fr)

MACHINE A PISTON, NOTAMMENT MOTEUR A COMBUSTION INTERNE A PISTON COMPORTANT UN BLOC-MOTEUR RENFORCE

Publication

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Application

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Priority

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Abstract (en)

[origin: US5676105A] PCT No. PCT/EP94/04099 Sec. 371 Date Oct. 4, 1995 Sec. 102(e) Date Oct. 4, 1995 PCT Filed Dec. 9, 1994 PCT Pub. No. WO95/16121 PCT Pub. Date Jun. 15, 1995A piston engine which includes an engine block composed of a base material. The engine which block has a cylinder block with at least one cylinder formed therein, a piston located in the cylinder, and a crankshaft connected to the piston and being mounted on crankshaft bearings disposed in a crankcase of the engine block. The engine further includes a plurality of reinforcing components connected to the walls of the engine block. The reinforcing components are composed of a component material that is different from the base material and has a higher modulus of elasticity than the base material.

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IPC 8 full level

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