

Title (en)

CAST LIGHT METAL PISTON FOR A TWO-STROKE ENGINE

Title (de)

GEGOSSENER LEICHTMETALLKOLBEN FÜR EINEN 2-TAKT-MOTOR

Title (fr)

PISTON EN METAL LEGER COULE POUR MOTEUR DEUX TEMPS

Publication

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Application

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Priority

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Abstract (en)

[origin: DE19538407A1] The invention concerns a cast light metal piston of box-type construction for a two-stroke engine having optimum values as concerns casting properties, piston cooling, weight reduction, low noise and mixture transfer. To this end, the piston according to the invention comprises a combination of the following features: the piston blank comprises only one lug in the region of one piston shaft side (3); the wall section (6) connecting the piston shaft (3) to the gudgeon-pin boss (4) has a window-like recess (8) on the lug side; the wall section (7) connecting the piston shaft (3) to the gudgeon-pin boss (4) and remote from the lug side is closed; and the closed wall section (7) is raised upwards (10) relative to the shaft length from the open shaft end (9).

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