

Title (en)

COMBUSTION ENGINE WITH A BUILT-UP PISTON

Title (de)

VERBRENNUNGSMOTOR MIT EINEM GEBAUTEN KOLBEN

Title (fr)

MOTEUR A COMBUSTION INTERNE DOTE D'UN PISTON INTEGRE

Publication

EP 1278951 B1 20060301 (DE)

Application

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Priority

- DE 0101404 W 20010407
- DE 10022035 A 20000505

Abstract (en)

[origin: DE10022035A1] The engine (1) has a piston with a steel base (3) and a piston lower part (4), which are connected by a single screw in or near the piston longitudinal axis and have a central cooling chamber (7) between them. An oil-filled connecting rod (10) is connected to the piston lower part by a piston bolt (9). A device to transfer oil from the connecting rod to the central cooling chamber is provided in the screw head (11) area.

IPC 8 full level

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CPC (source: EP KR US)

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