

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  
**EP 01940141 A 20010407**

Priority  
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• 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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