

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 A1 20030129 (DE)

Application

EP 01940141 A 20010407

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 1-7

F02F 3/00; **F02F 3/22**

IPC 8 full level

F01P 3/10 (2006.01); **F02F 3/00** (2006.01); **F02F 3/22** (2006.01); **F16J 1/09** (2006.01); **F16J 1/18** (2006.01)

CPC (source: EP KR US)

F02F 3/00 (2013.01 - KR); **F02F 3/0023** (2013.01 - EP US); **F02F 3/22** (2013.01 - EP US)

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DE FR GB IT

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