

Title (en)

Water cooled combustion engine

Title (de)

Wassergekühlte Brennkraftmaschine

Title (fr)

Moteur à combustion interne refroidi par eau

Publication

**EP 1757783 B1 20080319 (DE)**

Application

**EP 06017096 A 20060817**

Priority

DE 102005040635 A 20050827

Abstract (en)

[origin: EP1757783A1] The cylinder head (1) is able to reduce harmful emissions in the exhaust gas by means of recesses (3) acting with the cylinders, each of which has a piston with a web region moving far enough into it for the top piston ring at top dead center to be below the cylinder head gasket. The cylinder head cooling cavity (4) may be roughly the same depth as the recesses.

IPC 8 full level

**F02B 23/10** (2006.01); **F01P 3/02** (2006.01); **F02F 1/38** (2006.01)

CPC (source: EP)

**F01P 3/02** (2013.01); **F02M 26/41** (2016.02); **F01P 2003/021** (2013.01); **F01P 2003/024** (2013.01); **F02B 2275/14** (2013.01)

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