

Title (en)  
INTERNAL COMBUSTION ENGINE WITH A FLUID COOLING SYSTEM

Title (de)  
BRENNKRAFTMASCHINE MIT FLUIDKÜHLSYSTEM

Title (fr)  
MOTEUR A COMBUSTION INTERNE DOTE D'UN SYSTEME DE REFROIDISSEMENT PAR FLUIDE

Publication  
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Application  
**EP 99906243 A 19990217**

Priority  
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• EP 9901045 W 19990217

Abstract (en)  
[origin: DE19812831A1] The invention relates to an internal combustion engine with at least one cylinder bank of cylinders (12) arranged in a row in at least one cylinder block, and at least one fluid cooling system allocated to a particular cylinder bank. Said fluid cooling system has at least one fluid channel (10) configured in a cylinder block. This fluid channel (10) conducts fluid through the cylinder block in order to provide a water jacket adjacent to the cylinders (12) for cooling the same. Said fluid channel (10) is delimited by a floor (16) on the crankcase side in a cylinder block situated between a cylinder head and the crankcase. This floor (16) of the fluid channel (10) is configured in the form of a curved plane.

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IPC 8 full level  
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Cited by  
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**DE 19812831 A1 19990930**; CN 1109191 C 20030521; CN 1294656 A 20010509; DE 59901459 D1 20020620; EP 1066459 A1 20010110; EP 1066459 B1 20020515; EP 1066459 B2 20050928; ES 2175947 T3 20021116; ES 2175947 T5 20060301; JP 2002507692 A 20020312; JP 4242068 B2 20090318; US 6397792 B1 20020604; WO 9949201 A1 19990930

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