

Title (en)  
CYLINDER BLOCK FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
ZYLINDERBLOCK FÜR EINE BRENNKRAFTMASCHINE

Title (fr)  
BLOC-CYLINDRES POUR UN MOTEUR A COMBUSTION INTERNE

Publication  
**EP 0613524 B1 19960821 (DE)**

Application  
**EP 93914713 A 19930624**

Priority  
• DE 4231284 A 19920918  
• EP 9301613 W 19930624

Abstract (en)  
[origin: WO9407017A1] A cylinder block for an internal combustion engine has at least two adjacent cylinders enclosed in a water cooling jacket and supported on the upper part of the crankcase. In order to achieve a high fatigue strength while reducing weight, the outer side of the water cooling jacket (3) has a reinforcement rib (7) with a U-shaped cross section in the parting plane between two cylinders (2). The reinforcement rib (7) extends up to the area of the bearing webs (4) of the crankshaft bearing.

IPC 1-7  
**F02F 7/00**; F02F 1/10

IPC 8 full level  
**F02F 1/10** (2006.01); **F02F 7/00** (2006.01); **F02B 75/18** (2006.01)

CPC (source: EP US)  
**F02F 1/108** (2013.01 - EP US); **F02F 7/0007** (2013.01 - EP US); **F02B 2075/1816** (2013.01 - EP US)

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