

Title (en)
Cylinder block.

Title (de)
Zylinderblock.

Title (fr)
Carter cylindres.

Publication
EP 0466551 B1 19950419 (FR)

Application
EP 91401776 A 19910628

Priority
FR 9008804 A 19900711

Abstract (en)
[origin: EP0466551A1] Cylinder block (9) for an internal-combustion engine, having a water chamber (6) surrounding the cylinders and equipped with inlet and outlet ports for ensuring a circulation of cooling liquid, characterised in that the water chamber is barred by at least one shut-off device (1) attached in such a way that the cooling liquid circulates along a predetermined path between the inlet and outlet ports. <IMAGE>

IPC 1-7
F02F 1/14; **F02F 1/10**; **F01P 3/02**

IPC 8 full level
F01P 3/02 (2006.01); **F02F 1/10** (2006.01); **F02F 1/14** (2006.01); **F02B 75/18** (2006.01)

CPC (source: EP)
F01P 3/02 (2013.01); **F02F 1/108** (2013.01); **F02F 1/14** (2013.01); **F02B 2075/1816** (2013.01); **F02F 2001/104** (2013.01)

Cited by
JP2016125450A; US10018099B2; US6481392B1

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
EP 0466551 A1 19920115; **EP 0466551 B1 19950419**; DE 69109002 D1 19950524; DE 69109002 T2 19951102; ES 2071942 T3 19950701; FR 2664653 A1 19920117; FR 2664653 B1 19940923

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