

Title (en)

Internal combustion engine with two cylinder banks

Title (de)

Brennkraftmaschine mit zwei Zylinderreihen

Title (fr)

Moteur à combustion interne avec deux rangées de cylindres

Publication

EP 0632190 B1 19980415 (DE)

Application

EP 94108066 A 19940526

Priority

DE 4322030 A 19930702

Abstract (en)

[origin: EP0632190A1] In order to avoid the need for external pipes carrying cooling water, an internal combustion engine with two opposing banks of cylinders has integrated passages for carrying cooling water to and from the cooling jackets and the cylinder heads. <IMAGE>

IPC 1-7

F01P 3/02; **F02B 75/24**; **F01M 5/00**

IPC 8 full level

F01M 5/00 (2006.01); **F01P 3/02** (2006.01); **F02B 75/24** (2006.01); **F01P 5/10** (2006.01); **F01P 7/14** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP KR US)

F01M 5/002 (2013.01 - EP US); **F01P 3/02** (2013.01 - EP KR US); **F01P 5/10** (2013.01 - KR); **F02B 75/243** (2013.01 - EP US); **F01M 5/002** (2013.01 - KR); **F01P 5/10** (2013.01 - EP US); **F01P 2003/027** (2013.01 - EP KR US); **F01P 2007/143** (2013.01 - EP KR US); **F01P 2060/04** (2013.01 - EP KR US); **F02B 75/243** (2013.01 - KR); **F02B 2075/027** (2013.01 - EP KR US); **F02B 2275/18** (2013.01 - EP KR US); **F02F 2001/104** (2013.01 - EP KR US); **F02N 19/04** (2013.01 - KR)

Designated contracting state (EPC)

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