

Title (en)

Combustion engine having at least three cylinders

Title (de)

Brennkraftmaschine mit zumindest drei Zylindern

Title (fr)

Moteur à combustion interne avec au moins trois cylindres

Publication

EP 2623759 B1 20161116 (DE)

Application

EP 12194556 A 20121128

Priority

DE 102012200527 A 20120116

Abstract (en)

[origin: EP2623759A1] The engine (1) has three cylinders arranged in series in a crank case (12). Two coolant channels (7, 8) are arranged in parallel to a longitudinal axis of the engine for the cylinder head and/or the crankcase. The coolant channels are connected with coolant by bar holes (9). A cylinder head (3) is transversely and partially flow throughable by the coolant along the longitudinal axis. A passage area of one of the coolant channels in a coolant flow direction is smaller while a passage area of the other coolant channel in the coolant flow direction is larger.

IPC 8 full level

F02F 1/16 (2006.01); **F01P 3/02** (2006.01); **F02F 1/10** (2006.01); **F02F 1/14** (2006.01)

CPC (source: EP)

F01P 3/02 (2013.01); **F02F 1/14** (2013.01); **F02F 1/40** (2013.01); **F01P 2003/027** (2013.01)

Cited by

US10934925B2; EP3760847A1

Designated contracting state (EPC)

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