

Title (en)
Internal combustion engine

Title (de)
Brennkraftmaschine

Title (fr)
Moteur à combustion interne

Publication
EP 0933510 B1 20061102 (DE)

Application
EP 98124469 A 19981223

Priority
DE 19803808 A 19980131

Abstract (en)
[origin: EP0933510A2] A V-shaped space (35) between the cylinders rows contains a mixer chamber (34) directly next to an outer wall (38) of the coolant jackets (26,28) of the cylinders (12,14,16,18). The chamber is connected to the coolant return channel and the coolant discharge openings (32) of the cylinder heads (22,24). The chamber is open on one side and has a cover (42). This is positioned to form a coolant intake channel (44) in the V-space. Intake channel and mixer chamber can be selectively connected via a thermostat (46). The cover carries a temperature sensor, which projects into the coolant return channel.

IPC 8 full level
F01P 5/10 (2006.01); **F01P 7/16** (2006.01); **F02B 75/22** (2006.01)

CPC (source: EP)
F01P 5/10 (2013.01); **F01P 7/167** (2013.01); **F02B 75/224** (2013.01)

Cited by
EP2071150A1; DE10117090B4; US8225751B2; WO02081881A3; WO02081881A2; US6880496B2

Designated contracting state (EPC)
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