

Title (en)

Cast machine housing for forced cooled engines with a lubricating system, especially with cylinders in line

Title (de)

Guss-Maschinengehäuse für eine zwangsumlaufgekühlte Brennkraftmaschine mit Schmiersystem, insbesondere mit Zylindern in Reihenanordnung

Title (fr)

Carter de machine en fonte pour des moteurs à refroidissement forcée avec système de lubrification, particulièrement avec des cylindres en ligne

Publication

EP 0999353 B1 20030723 (DE)

Application

EP 99119597 A 19991002

Priority

DE 19851232 A 19981106

Abstract (en)

[origin: EP0999353A1] The casing (1) is for an engine with a lubrication system and with in-line cylinders (2) and integrated fuel supply. It has a spiral coolant pump casing (3) offset towards the induction side of the engine, with integrated thermostat casing (8).molded onto an integrated control shaft cover (9) downstream of a bypass channel (7). The input channel (5) is integrated in the control shaft cover and extends into the long side of the engine. The return channels (29) are connected to chambers flushed by coolant from the input channel (5).

IPC 1-7

F01P 5/10; **F02F 7/00**

IPC 8 full level

F01P 5/10 (2006.01); **F02F 7/00** (2006.01); **F01M 5/00** (2006.01); **F01M 11/02** (2006.01); **F01P 7/16** (2006.01)

CPC (source: EP)

F01P 5/10 (2013.01); **F02F 7/0073** (2013.01); **F01M 5/002** (2013.01); **F01M 11/02** (2013.01); **F01P 7/16** (2013.01)

Cited by

CN110966114A; CN102345724A; WO2018033669A1; US10823043B2; FR3055150A1; CN109642515A; JP2019526013A

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