

Title (en)

IMPROVED COOLING SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

VERBESSERTES KÜHLSYSTEM FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)

SYSTÈME DE REFROIDISSEMENT AMÉLIORÉ POUR UN MOTEUR À COMBUSTION INTERNE

Publication

EP 3680464 A1 20200715 (EN)

Application

EP 20151297 A 20200110

Priority

IT 201900000559 A 20190114

Abstract (en)

Cooling system (1) for cooling an internal combustion engine (2) for a vehicle, the cooling system (1) comprising at least a pump (3), a heat exchanger (4), an engine assembly (2) and at least one operative module (11), the pump (3) comprising a first opening (3a) fluidly connected to heat exchanger (4), engine assembly (2) and at least one operative module (11) each being respectively fluidly connected to heat exchanger (4), pump (3) further comprising a second opening (3b) fluidly connected to respectively engine assembly (2) and at least one operative module (11), s engine assembly (3) and at least one operative module (11) being placed in parallel one with respect to the other between heat exchanger (4) and pump (3) cooling system (1) further comprising flow control means (12) respectively fluidly interposed between engine assembly (2) and heat exchanger (4) for reducing the flow which may pass between the aforementioned elements between predefined maximum and minimum values.

IPC 8 full level

F01P 3/20 (2006.01); **F01P 7/16** (2006.01)

CPC (source: EP)

F01P 3/20 (2013.01); **F01P 7/16** (2013.01); **F01P 2060/04** (2013.01); **F01P 2060/06** (2013.01)

Citation (search report)

- [XYI] US 2010147272 A1 20100617 - CECIL ADAM C [US], et al
- [XY] US 2018298853 A1 20181018 - YOSHIOKA MAMORU [JP]
- [X] US 2007157893 A1 20070712 - WEI PUNING [US], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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