

Title (en)
COOLANT CIRCULATION DEVICE

Title (de)
KÜHLKREISLAUFVORRICHTUNG

Title (fr)
DISPOSITIF DE CIRCUIT DE REFROIDISSEMENT

Publication
EP 1730459 A1 20061213 (DE)

Application
EP 04718903 A 20040310

Priority
DE 2004000469 W 20040310

Abstract (en)
[origin: WO2005088217A1] The inventive coolant circulation device comprises an emptiable heat exchanger (101), a coolant medium reservoir (102), a feed line (104) from the coolant medium reservoir (102) to the heat exchanger (101), a discharge line (103) from the heat exchanger (101) to the coolant medium reservoir (102) and a pump (110) which is inserted into the feed line (104) and used to pump the coolant medium in the direction of the heat exchanger (101). The inventive device also comprises a consumer (111), a short line (117) whose lower end leads into the coolant medium reservoir (102) and whose upper end is connected to the feed line (104) between the consumer (111) and heat exchanger (101) by means of a three-way valve (116) or two two-way valves and an intermediate line (114) with a locking valve (115) whose lower end leads into the coolant medium reservoir (102) and whose upper end is connected to the feed line (102) between the three-way valve (116) and heat exchanger (101) or between the two two-way valves and heat exchanger (101).

IPC 8 full level
F28B 1/06 (2006.01); **F28B 9/00** (2006.01)

CPC (source: EP)
F28B 1/06 (2013.01); **F28B 9/005** (2013.01)

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See references of WO 2005088217A1

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FR IT

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