

Title (en)
MOTOR VEHICLE COOLING DEVICE

Title (de)
KÜHLVORRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)
DISPOSITIF DE REFROIDISSEMENT POUR VEHICULE AUTOMOBILE

Publication
EP 2555932 A1 20130213 (FR)

Application
EP 11717704 A 20110407

Priority
• FR 1052615 A 20100407
• FR 2011050776 W 20110407

Abstract (en)
[origin: WO2011124847A1] The subject of the invention is a cooling device (1) for a motor vehicle, comprising a cooling circuit capable of cooling a battery charger assembly (4) and a motor assembly (5) using a liquid coolant, a first pump (2) being able selectively of supplying the motor assembly (5) with liquid coolant and a second pump (3) being able selectively to supply the charger assembly (4) with liquid coolant, the cooling circuit being controlled by a control system (9), it being possible for the cooling device (1) to be switched on or off electrically, characterized in that the control system (9) is able to keep the device (1) switched on (electrically powered) when the vehicle is at the end of its journey and the temperature of one part (11, 12) of the motor assembly (5) is above a threshold temperature.

IPC 8 full level
B60K 1/00 (2006.01); **B60K 11/02** (2006.01)

CPC (source: EP US)
H01M 10/482 (2013.01 - EP US); **H01M 10/613** (2015.04 - EP); **H01M 10/625** (2015.04 - EP); **F01P 2031/30** (2013.01 - EP); **F01P 2050/24** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
See references of WO 2011124847A1

Citation (examination)
WO 2010116106 A1 20101014 - RENAULT SAS [FR], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011124847 A1 20111013; CN 102883903 A 20130116; CN 102883903 B 20160803; EP 2555932 A1 20130213; FR 2958581 A1 20111014; FR 2958581 B1 20120427

DOCDB simple family (application)
FR 2011050776 W 20110407; CN 201180022682 A 20110407; EP 11717704 A 20110407; FR 1052615 A 20100407