

Title (en)

MOTOR VEHICLE COMPRISING A COOLING CIRCUIT FOR AN ELECTRICAL POWER SUPPLY MODULE

Title (de)

KRAFTFAHRZEUG MIT EINEM KÜHLKREIS FÜR EIN STROMVERSORGUNGSMODUL

Title (fr)

VEHICULE AUTOMOBILE COMPORTANT UN CIRCUIT DE REFROIDISSEMENT D'UN MODULE D'ALIMENTATION ELECTRIQUE

Publication

**EP 2614545 A1 20130717 (FR)**

Application

**EP 11773491 A 20110908**

Priority

- FR 1057156 A 20100909
- FR 2011052061 W 20110908

Abstract (en)

[origin: WO2012032271A1] The invention relates to a vehicle, in particular a motor vehicle, which comprises a compartment containing a power supply module (10), a space containing electrical components associated with the battery, and a device for cooling the module by the circulation of cooling air, said circulation being forced by ventilation means, characterized in that the cooling device comprises a fan (16) positioned downstream of the module, a cooling air discharge pipe (15) which connects the fan (16) to the compartment containing the power supply module (10), and a shutter (19) for placing the discharge pipe (15) in communication with said space.

IPC 8 full level

**B60H 1/00** (2006.01); **B60K 1/04** (2006.01); **B60L 11/18** (2006.01); **H01M 10/50** (2006.01); **H01M 50/202** (2021.01); **H01M 50/249** (2021.01)

CPC (source: EP US)

**B60K 1/04** (2013.01 - EP US); **B60L 58/26** (2019.01 - EP); **H01M 10/613** (2015.04 - EP); **H01M 10/625** (2015.04 - EP);  
**H01M 10/63** (2015.04 - EP); **H01M 10/6563** (2015.04 - EP); **H01M 50/202** (2021.01 - EP US); **H01M 50/249** (2021.01 - EP US);  
**B60K 2001/005** (2013.01 - EP); **B60L 2210/10** (2013.01 - EP); **B60L 2240/34** (2013.01 - EP); **B60L 2240/545** (2013.01 - EP);  
**H01M 10/667** (2015.04 - EP); **Y02E 60/10** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/72** (2013.01 - EP); **Y02T 90/16** (2013.01 - EP)

Citation (search report)

See references of WO 2012032271A1

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 2012032271 A1 20120315**; EP 2614545 A1 20130717; FR 2964798 A1 20120316; FR 2964798 B1 20130315

DOCDB simple family (application)

**FR 2011052061 W 20110908**; EP 11773491 A 20110908; FR 1057156 A 20100909