

Title (en)

DEVICE AND METHOD FOR COOLING AN ELECTRIC COMPONENT FOR A VEHICLE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KÜHLUNG EINES ELEKTRISCHEN BAUELEMENTS FÜR EIN FAHRZEUG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE REFROIDISSEMENT D'UN COMPOSANT ÉLECTRIQUE POUR UN VÉHICULE

Publication

**EP 2260685 A1 20101215 (DE)**

Application

**EP 08871354 A 20081103**

Priority

- EP 2008009252 W 20081103
- DE 102008005353 A 20080121

Abstract (en)

[origin: US2010287962A1] A cooling device for an arrangement with at least one electric component, particularly power electronics (1), for a vehicle, wherein the arrangement can be cooled by a fluid (2) using the method of evaporative cooling, includes a heat engine (4), in particular a steam turbine or a displacement machine for expanding fluid that is evaporated during evaporative cooling.

IPC 8 full level

**H05K 7/20** (2006.01); **H01L 23/473** (2006.01)

CPC (source: EP US)

**B60R 16/0239** (2013.01 - EP US); **F28D 15/0266** (2013.01 - EP US); **H01L 23/427** (2013.01 - EP US); **H05K 7/20881** (2013.01 - EP US); **H05K 7/20936** (2013.01 - EP US); **F28D 2015/0291** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US)

Citation (search report)

See references of WO 2009092410A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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