

Title (en)  
TEMPERATURE ADJUSTMENT MECHANISM, METHOD FOR CONTROLLING TEMPERATURE ADJUSTMENT MECHANISM, AND VEHICLE

Title (de)  
TEMPERATURJUSTIERUNGSMECHANISMUS, VERFAHREN ZUR STEUERUNG EINES TEMPERATURJUSTIERUNGSMECHANISMUS UND FAHRZEUG

Title (fr)  
MÉCANISME DE RÉGLAGE DE TEMPÉRATURE, PROCÉDÉ DE COMMANDE DU MÉCANISME DE RÉGLAGE DE TEMPÉRATURE, ET VÉHICULE

Publication  
**EP 2171792 A1 20100407 (EN)**

Application  
**EP 08709858 A 20080226**

Priority  
• IB 2008000416 W 20080226  
• JP 2007052635 A 20070302

Abstract (en)  
[origin: WO2008107755A1] A temperature adjustment mechanism has: a case (30) containing a power source (20) and a first heat transfer medium (4) for cooling the power source (20) and integrated with or contacting a heat transfer portion; and a drive device (51) for delivering the first heat transfer medium (4) between the inside and the outside of the case (30). The drive device (51) delivers the first heat transfer medium (4) to the outside of the case (30) to establish a first state in which a layer (AS) of a second heat transfer medium is created in a region of the case (30) on the heat transfer portion side of the power source (20), and the drive device (51) delivers the first heat transfer medium to the inside of the case (30) to establish a second state in which at least a portion of the region of the case (30) is filled with the first heat transfer medium (4).

IPC 8 full level  
**H01M 2/10** (2006.01); **H01M 10/60** (2014.01); **H01M 10/613** (2014.01); **H01M 10/617** (2014.01); **H01M 10/625** (2014.01); **H01M 10/633** (2014.01); **H01M 10/635** (2014.01); **H01M 10/637** (2014.01); **H01M 10/643** (2014.01); **H01M 10/647** (2014.01); **H01M 10/653** (2014.01); **H01M 10/6551** (2014.01); **H01M 10/6567** (2014.01)

CPC (source: EP KR US)  
**H01M 10/613** (2015.04 - EP US); **H01M 10/625** (2015.04 - EP KR US); **H01M 10/633** (2015.04 - EP US); **H01M 10/643** (2015.04 - EP US); **H01M 10/6551** (2015.04 - EP US); **H01M 10/6567** (2015.04 - EP US); **H01M 10/6568** (2015.04 - EP US); **H01M 10/6569** (2015.04 - KR); **Y02E 60/10** (2013.01 - EP)

Citation (search report)  
See references of WO 2008107755A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
**WO 2008107755 A1 20080912**; CN 101622752 A 20100106; EP 2171792 A1 20100407; JP 2008218147 A 20080918; JP 4396716 B2 20100113; KR 20090117769 A 20091112; US 2010116468 A1 20100513

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