

Title (en)
PASSIVE TEMPERATURE CONTROL OF RECHARGEABLE BATTERIES

Title (de)
PASSIVE TEMPERATURREGELUNG VON AKKUMULATOREN

Title (fr)
RÉGULATION PASSIVE DE LA TEMPÉRATURE D'ACCUMULATEURS

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Application
EP 15714159 A 20150109

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Abstract (en)
[origin: WO2015106758A1] The invention relates to a battery or rechargeable battery (8) comprising at least one battery cell (1, 1A, 1B, 1C, 1D, 1E) and a temperature control for the battery cells (1, 1A, 1B, 1C, 1D, 1E). The temperature control has: at least one vapour chamber (2, 2A, 2B), a first battery contact surface (4) of which is in direct contact with the surface of the at least one battery cell (1, 1A, 1B, 1C, 1D, 1E); and heat pipes (10) which lie partially on a second heat pipe contact surface (4) of the vapour chamber (2, 2A, 2B) and lead out of the battery (8) to a heat exchanger (20).

IPC 8 full level
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Citation (search report)
See references of WO 2015106758A1

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WO 2015106758 A1 20150723; **WO 2015106758 A4 20150903**; DE 102014100420 A1 20150730; EP 3114725 A1 20170111; JP 2017503330 A 20170126; KR 20160120293 A 20161017; SG 10201806044Y A 20180830; SG 11201605831W A 20160929; WO 2015107106 A1 20150723

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