



ASSET LIST

LOT 154: EFFICIENT BATTERY COOLING SYSTEMS FOR THERMAL MANAGEMENT OF ELECTRIC VEHICLES PATENT FOR SALE

154号专利包：电动车热管理高效 电池冷却系统专利待拍

Ocean Tomo Bid-Ask™ Market patent auction lot 154 offers fifteen patents with global protections in the United States, China, Europe, and Japan. The subject portfolio presents a modular, cost-effective thermal management/battery cooling architecture for high-efficient homogenous cooling of Li-Ion batteries preferably in hybrid or electric vehicles (HEVs or EVs). The offered patents claim a fundamental baseline and a wide area of cooling principles for a low-cost, weight-optimized, and modular design for low- up to high-volume production. It provides an attractive opportunity for EV manufacturers and suppliers, battery manufacturers, thermal management manufacturers who are looking for a ready-to-use patent portfolio for strategic purposes.

Ocean Tomo Bid-Ask™市场154号待售专利包提供了十五项专利，覆盖了美国、中国、欧洲、日本等司法辖区。本发明涉及一种模块化、经济高效的热管理/电池冷却架构，用于混合动力或电动汽车 (HEVs或EVs) 中锂离子电池的均质冷却。该专利包成本低廉、轻便、适用于小批量到大规模生产的模块化设计，权利要求广泛，有关基线和冷却技术的基本原理。该专利包为电动车、电池、热管理技术的制造商和供应商提供了一个强有力的机遇，尤其适合为满足战略目标寻求即用型专利技术的制造商们。

For further information or to bid on this lot, please email Bid-Ask@OceanTomo.com.

竞拍该专利包或详询更多信息，欢迎联系 Bid-Ask@OceanTomo.com.

NO.	PUBLICATION NO.	PATENT TITLE	PRIMARY IP CLASS	PRIORITY DATE	FILE DATE	ISSUE/PUBLICATION DATE	NO. OF FORWARD CITATIONS
序号	公开号	专利名称	IPC主分类号	优先权日	申请日	公开日	前引数量
1	EP2476151 B1	Modular battery structure 模块化电池结构	H01M 10/613	9/7/09	9/6/10	8/8/18	
2	US9112208 B2	Modular battery structure 模块化电池结构	H01M 10/613	9/7/09	3/7/12	8/18/15	2
3	JP5542209 B2	Modular battery construction 模块化电池结构	H01M 10/613	9/7/09	9/6/10	7/9/14	1
4	CN102576831 B	Modular battery structure 模块化电池结构	H01M 10/613	9/7/09	9/6/10	3/4/15	14
5	EP2474061 B1	Cooling plate for a galvanic cell and method for connecting a cooling plate 用于原电池的冷却板和用于连接冷却板的方法	H01M 6/5038	8/31/09	8/31/10	6/18/14	1
6	CN102498601 B	Heat sink for an electrochemical cell and method for connecting a heat sink 用于电化学电池的散热器和连接散热器的方法	H01M 6/5039	8/31/09	8/31/10	8/27/14	4
7	JP5560335 B2	Cooled sheet metal for galvanic cells and method for joining cooled sheet metal 用于原电池的冷却金属板和用于连接冷却金属板的方法	H01M 6/5040	8/31/09	8/31/10	7/23/14	
8	EP2476160 B1	Method for producing an energy store holder for a vehicle 一种用于车辆的储能器支架的制造方法	H01M 10/04	9/10/09	9/3/10	11/22/17	
9	US9083009 B2	Method for producing an energy storage device holder for a vehicle 一种用于车辆的储能器支架的制造方法	H01M 10/04	9/10/09	3/12/12	7/14/15	
10	CN102576916 B	Method for producing an energy store holder for a vehicle 一种用于车辆的储能器支架的制造方法	H01M 10/04	9/10/09	9/3/10	4/8/15	5
11	JP5604519 B2	Method for manufacturing an energy accumulator carrier for a vehicle 一种用于车辆的蓄能器载体的制造方法	H01M 10/04	9/10/09	9/3/10	10/8/14	
12	EP2026387 B1	Electrochemical energy storage unit 电化学储能单元	H01M 6/46	8/8/07	8/5/08	3/6/13	14
13	EP2497145 B1	Energy store device 储能装置	H01M 10/0413	11/6/09	11/8/10	4/2/14	5
14	JP5810422 B2	Energy store device 储能装置	H01M 10/0413	11/6/09	11/8/10	11/11/15	1
15	CN102771004 B	Energy store device 储能装置	H01M 10/0413	11/6/09	11/8/10	4/1/15	7