

Title (en)
ENERGY STORAGE PACK

Title (de)
ENERGIESPEICHERPACK

Title (fr)
BLOC DE STOCKAGE D'ÉNERGIE

Publication
EP 3583654 A1 20191225 (EN)

Application
EP 18702810 A 20180119

Priority
• US 201715437228 A 20170220
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Abstract (en)
[origin: WO2018150279A1] An energy storage pack includes a coolant inlet manifold, a coolant outlet manifold, and a plurality of thermal-exchange tubes extending between the coolant inlet manifold and the coolant outlet manifold to exchange heat between coolant passing through the plurality of thermal-exchange tubes and a plurality of battery cells mounted adjacent to and among the plurality of thermal-exchange tubes within the energy storage pack. In one embodiment, at least one of coolant inlet manifold and the coolant outlet manifold includes a plurality of thermal-exchange tube terminating structures and a plurality of hose segments intercoupling the plurality of thermal-exchange tube terminating structures. The energy storage pack may further include a coolant inlet opening located on the coolant inlet manifold and a coolant outlet opening located on the coolant outlet manifold.

IPC 8 full level
H01M 10/60 (2014.01); **H01M 10/6556** (2014.01); **H01M 50/213** (2021.01)

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H01G 2/08 (2013.01 - EP KR); **H01G 11/10** (2013.01 - EP KR); **H01G 11/18** (2013.01 - EP KR); **H01M 10/613** (2015.04 - KR); **H01M 10/615** (2015.04 - KR); **H01M 10/643** (2015.04 - KR); **H01M 10/6556** (2015.04 - EP KR); **H01M 50/20** (2021.01 - KR); **H01M 50/213** (2021.01 - EP US); **H01M 10/613** (2015.04 - EP); **H01M 10/615** (2015.04 - EP); **H01M 10/643** (2015.04 - EP); **Y02E 60/10** (2013.01 - KR)

Citation (search report)
See references of WO 2018150279A1

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Designated extension state (EPC)
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