

Title (en)

POWER STORAGE UNIT FOR A HYBRID OR ELECTRIC VEHICLE

Title (de)

STROMSPEICHEREINHEIT FÜR EIN HYBRID-ODER ELEKTROFAHRZEUG

Title (fr)

ENSEMBLE DE STOCKAGE D'ENERGIE ELECTRIQUE POUR VEHICULE YBRIDE OU ELECTRIQUE

Publication

EP 3084878 A1 20161026 (FR)

Application

EP 14828227 A 20141217

Priority

- FR 1363170 A 20131220
- FR 2014053382 W 20141217

Abstract (en)

[origin: WO2015092269A1] The invention relates to an power storage unit (5), including a housing (21) and a battery pack (6) accommodated in said housing (21), as well as an air passageway (7) passing through said housing (21) such as to be able to guide an air flow for cooling said battery pack (6), the air flow being capable of producing sound waves propagating in said air passageway (7), said storage unit also comprising a resonator (23, 43) extending into said air passageway (7) such as to be able to attenuate the sound waves, said resonator (23, 43) being provided in said housing (21). Limiting the propagation of noise disturbances in the cooling circuit of the electric batteries while maintaining compact dimensions is thus possible.

IPC 8 full level

B60K 1/00 (2006.01); **B60K 1/04** (2006.01); **F01N 1/02** (2006.01); **H01M 10/613** (2014.01); **H01M 10/625** (2014.01); **H01M 10/6563** (2014.01); **H01M 50/204** (2021.01)

CPC (source: EP US)

B60K 1/04 (2013.01 - EP); **H01M 10/613** (2015.04 - EP US); **H01M 50/204** (2021.01 - EP US); **B60K 11/06** (2013.01 - EP); **B60K 2001/005** (2013.01 - EP); **G10K 11/172** (2013.01 - EP); **H01M 10/625** (2015.04 - EP); **H01M 10/6563** (2015.04 - EP); **H01M 2220/20** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2015092269A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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