

Title (en)
TRACTION BATTERY

Title (de)
TRAKTIONSBATTERIE

Title (fr)
BATTERIE DE TRACTION

Publication
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Application
EP 18726723 A 20180403

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Abstract (en)
[origin: WO2018185074A1] The invention relates to a traction battery, comprising a plurality of battery cells (2) which are wired to one another and which each have positive and negative electrode plates arranged alternately with one another in a cell housing, and having a plurality of battery troughs (7), which each accommodate a plurality of battery cells (2) in series, each battery trough (7) is designed to be electrolyte-resistant and electrolyte-tight, and having a battery box (13) accommodating the battery troughs (7), wherein adjacent battery troughs (7) are arranged at a distance from one another, leaving a gap space (17), and wherein, underneath the battery troughs (7), a volume space is provided, which is in fluidic connection with the gap spaces (17) and is used as a distribution gap space (22) for all the gap spaces (17), and having a forcible flow system for a cooling medium, which has a means for generating a forcible flow, which is connected to the distributor gap space (22), for which purpose the distributor gap space (22) has at the inlet end (26) thereof a connection for a cooling medium feed line.

IPC 8 full level
H01M 10/613 (2014.01); **H01M 10/625** (2014.01); **H01M 10/6555** (2014.01); **H01M 10/6557** (2014.01); **H01M 10/6563** (2014.01); **H01M 50/209** (2021.01); **H01M 50/289** (2021.01)

CPC (source: EP US)
H01M 10/613 (2015.04 - EP US); **H01M 10/625** (2015.04 - EP US); **H01M 10/6555** (2015.04 - EP US); **H01M 10/6557** (2015.04 - EP US); **H01M 10/6563** (2015.04 - EP US); **H01M 50/209** (2021.01 - EP US); **H01M 50/249** (2021.01 - US); **H01M 50/289** (2021.01 - EP US); **H01M 10/6567** (2015.04 - EP); **H01M 2220/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2018185074A1

Cited by
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