Title (en)

HOUSING FOR A BATTERY MODULE FOR RECEIVING BATTERY CELLS

Title (de)

GEHÄUSE FÜR EIN BATTERIEMODUL ZUR AUFNAHME VON BATTERIEZELLEN

Title (fr)

BOÎTIER POUR UN MODULE DE BATTERIE DESTINÉ À RECEVOIR DES ÉLÉMENTS DE BATTERIE

Publication

EP 4193419 A1 20230614 (DE)

Application

EP 21755739 A 20210804

Priority

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- EP 2021071768 W 20210804

Abstract (en)

[origin: WO2022029175A1] The invention relates to a housing (12) for a battery module (10) for receiving battery cells (10a-n), comprising at least one end plate (12a), which comprises an inner profile element (122) and an outer profile element (120), the inner profile element (122) being shaped and designed such that, within a first deformation path (S1), it provides a first elastic bias on battery cells (10a-n) arranged in the housing (12), and the inner profile element (122) and the outer profile element (120) being shaped and designed such that the inner profile element (122), once the first deformation path (S1) has been passed through, cooperates with the outer profile element (120) to exert a second elastic bias on battery cells (10a-n) arranged in the housing (12).

IPC 8 full level

H01M 50/211 (2021.01); **H01M 50/209** (2021.01); **H01M 50/242** (2021.01); **H01M 50/262** (2021.01); **H01M 50/477** (2021.01)

CPC (source: EP US)

H01M 50/103 (2021.01 - US); **H01M 50/209** (2021.01 - EP); **H01M 50/211** (2021.01 - EP); **H01M 50/242** (2021.01 - EP US); **H01M 50/262** (2021.01 - EP US); **H01M 50/477** (2021.01 - EP); H01M 2220/20 (2013.01 - EP); Y02E 60/10 (2013.01 - EP); Y02P 70/50 (2015.11 - EP)

Citation (search report)

See references of WO 2022029175A1

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