

Title (en)  
BATTERY CELL FOR AN ELECTRICAL ENERGY STORAGE DEVICE FOR INSTALLATION IN AN ELECTRIFIED MOTOR VEHICLE

Title (de)  
BATTERIEZELLE FÜR EINEN ELEKTRISCHEN ENERGIESPEICHER ZUM EINBAU IN EIN ELEKTRIFIZIERTES KRAFTFAHRZEUG

Title (fr)  
CELLULE DE BATTERIE POUR UN DISPOSITIF DE STOCKAGE D'ÉNERGIE ÉLECTRIQUE DESTINÉ À ÊTRE INSTALLÉ DANS UN VÉHICULE À MOTEUR ÉLECTRIFIÉ

Publication  
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Application  
**EP 22717541 A 20220322**

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Abstract (en)  
[origin: WO2022223213A1] The invention relates to a battery cell for an electrical energy storage device for installation in an electrified motor vehicle having a large number of battery cells. Said battery cell consists of a cell core and a hybrid cell housing. The hybrid cell housing is configured as a combination of an inner housing element with an outer housing element, wherein a protection apparatus is provided, by way of which the cell core together with the inner housing element can be ejected from the outer housing element in the event of a (preferably thermal) fault. The outer housing element particularly preferably has a gas-tight closure in the direction opposite to the ejection direction, the gas-tight closure creating a gas-tight cavity in which, for example in the case of an event that leads to the inner housing element bursting, pressure is deliberately created by gas and used to eject the inner housing element in the ejection direction.

IPC 8 full level  
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