

Title (en)

STRUCTURAL ELEMENT FOR A BATTERY HOUSING OF AN ELECTRICALLY DRIVABLE MOTOR VEHICLE

Title (de)

STRUKTURELEMENT FÜR EIN BATTERIEGEHÄUSE EINES ELEKTRISCH ANTREIBBAREN KRAFTWAGENS

Title (fr)

ÉLÉMENT STRUCTURAL POUR UN BOÎTIER DE BATTERIE D'UN VÉHICULE AUTOMOBILE À ENTRAÎNEMENT ÉLECTRIQUE

Publication

**EP 4374451 A1 20240529 (DE)**

Application

**EP 22757213 A 20220720**

Priority

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Abstract (en)

[origin: WO2023001867A1] The invention relates to a structural element (6) for a battery housing of a motor vehicle, said structural element (6) being located, in the longitudinal direction of the vehicle, in an end region of the battery housing. In order to improve the properties of the battery housing in the event of an accident, the structural element (6) includes at least one deformation zone (12) for specific deformation and energy absorption, said at least one deformation zone (12) comprising at least two interconnected wall portions (14, 15) which extend in the vertical and transverse directions of the vehicle and between which a free space (18) is formed.

IPC 8 full level

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