

Title (en)  
HEAT SHIELD

Title (de)  
HITZESCHILD

Title (fr)  
ÉCRAN THERMIQUE

Publication  
**EP 3963658 A1 20220309 (DE)**

Application  
**EP 20723341 A 20200429**

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Abstract (en)  
[origin: WO202221808A1] The present invention relates to a heat shield (1) for use in systems and apparatuses which are operated by batteries, in particular for electric vehicles, wherein the heat shield (1) is constructed at least from an impact-absorbing layer (4), from a heat-protection layer (5) made of a material which is resistant to high temperatures, optionally from a gas-tight, heat-distributing layer (8), and from a layer (6) with intumescent properties and also from a carrier plate (7) for the layers, which provides shielding.

IPC 8 full level  
**H01M 10/658** (2014.01); **H01M 10/0525** (2010.01); **H01M 10/625** (2014.01)

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