

Title (en)  
CELL HOLDER, ENERGY STORAGE CELL, CELL HOLDER STACK AND MULTICELL ENERGY STORE

Title (de)  
ZELLHALTER, ENERGIESPEICHERZELLE, ZELLHALTERSTAPEL UND MEHRZELLENENERGIESPEICHER

Title (fr)  
SUPPORT DE CELLULE, CELLULE ACCUMULATRICE D ÉNERGIE, EMPILEMENT DE SUPPORTS DE CELLULES ET ACCUMULATEUR D ÉNERGIE À PLUSIEURS CELLULES

Publication  
**EP 2356716 A1 20110817 (DE)**

Application  
**EP 09749061 A 20091030**

Priority  
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• DE 102008057210 A 20081113

Abstract (en)  
[origin: WO2010054939A1] A cell holder (1), an energy storage cell, a cell holder stack and a multicell energy store are described. The cell holder is in the form of a housing which is open on one or both sides and is composed of an electrically insulating material, and the cell holder has a rear wall (3) in which a coolant channel (13) is arranged. A plurality of cell holders (1) can be assembled via tongue-and-groove connections (7, 8) to form a cell holder stack, which holds a multiplicity of cells. The cell held therein can be cooled well with the aid of this cell holder (1). Furthermore, it ensures good electrical insulation and good mechanical protection for the cell. The cell holder (1) is particularly suitable for holding lithium-ion cells in the form of softpacks.

IPC 8 full level  
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CPC (source: EP KR US)  
**H01M 10/052** (2013.01 - KR); **H01M 10/613** (2015.04 - EP KR US); **H01M 10/625** (2015.04 - KR); **H01M 10/653** (2015.04 - EP KR US); **H01M 10/6556** (2015.04 - EP KR US); **H01M 10/6557** (2015.04 - EP KR US); **H01M 10/6567** (2015.04 - KR); **H01M 50/103** (2021.01 - KR); **H01M 50/116** (2021.01 - KR); **H01M 50/119** (2021.01 - EP KR US); **H01M 50/20** (2021.01 - KR); **H01M 50/209** (2021.01 - EP KR US); **H01M 50/244** (2021.01 - EP KR US); **H01M 50/262** (2021.01 - EP KR US); **H01M 10/052** (2013.01 - EP US); **H01M 10/625** (2015.04 - EP US); **H01M 10/6567** (2015.04 - EP US); **H01M 50/103** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2010054939A1

Citation (examination)  
US 2005208375 A1 20050922 - SAKURAI MASATO [JP]

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