

Title (en)
BATTERY PACKAGING

Title (de)
VERPACKEN VON BATTERIEN

Title (fr)
BOITIER DE BATTERIE

Publication
EP 1264355 A1 20021211 (EN)

Application
EP 01900354 A 20010119

Priority
• CH 0100042 W 20010119
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Abstract (en)
[origin: WO0157941A1] A rechargeable battery, such as, a lithium ion battery, which includes a first laminate layer having a perimeter region and a central region, and a second laminate layer having a perimeter region and a central region. The first and second laminate layers each has a metal foil, an outer polymer layer bonded to one side of the metal foil, and a hot melt polymer coating on the other side of the metal foil in at least perimeter region of the metal aluminium foil. The metal foil is preferably aluminum foil. The hot melt polymer coatings in the perimeter regions of the first and second laminate are sealed together. A central chamber is formed by the central regions of the first and second laminate layers. There is an anode, a cathode and electrolyte arranged in an electrical current producing and conducting manner in the central chamber. Two electrically conductive strips positioned between the two perimeter regions. One end of the connectors is connected to the anode, and one end of the other connector is connected to the cathode. Each other end of the two connectors extend beyond the perimeter regions of the laminates.

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H01M 2/02

IPC 8 full level
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H01M 50/141 (2021.01); **H01M 10/05** (2010.01)

CPC (source: EP US)
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Y02E 60/10 (2013.01 - EP)

Citation (search report)
See references of WO 0157941A1

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