

Title (en)

ENERGY STORAGE CELL AND ENERGY STORAGE DEVICE HAVING A PLURALITY OF SUCH ENERGY STORAGE CELLS

Title (de)

ENERGIESPEICHERZELLE UND ENERGIESPEICHERVORRICHTUNG MIT MEHREREN SOLCHEN ENERGIESPEICHERZELLEN

Title (fr)

CELLULE D'ACCUMULATION D'ÉNERGIE ET DISPOSITIF D'ACCUMULATION D'ÉNERGIE COMPRENANT PLUSIEURS CELLULES D'ACCUMULATION D'ÉNERGIE DE CE TYPE

Publication

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Application

EP 12772723 A 20121002

Priority

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- EP 2012004138 W 20121002

Abstract (en)

[origin: WO2013064203A1] An energy storage cell (10) has at least one electrode stack (12) which is disposed inside a cell cover (11), a first cell connector (14) which is disposed at least partially outside the cell cover (11) and is electrically conductively connected via at least one first current collector (18) to the at least one electrode stack (12), and a second cell connector (16) which is disposed at least partially outside the cell cover (11) and is electrically conductively connected via at least one second current collector (20) to the at least one electrode stack (12). The energy storage cell (10) also has at least one electrical load (24) for example in the form of a resistor which is connected in parallel to the at least one electrode stack (12), and at least one switching device (26, 32) which is connected in series to the at least one electrical load (24), wherein the at least one switching device (26, 32) can be actuated in order to discharge the at least one electrode stack (12) via the at least one electrical load (24). A third cell connector (34) is preferably also provided, which is disposed at least partially outside the cell cover (11) and is electrically conductively connected via the first or the second current collector (18, 20) to the at least one electrode stack, wherein said third cell connector (34) is connected in series to the at least one electrical load (24).

IPC 8 full level

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Citation (search report)

See references of WO 2013064203A1

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