

Title (en)

CELL CONNECTOR FOR ELECTRICALLY CONDUCTIVELY CONNECTING CELL TERMINALS

Title (de)

ZELLVERBINDER ZUM ELEKTRISCH LEITENDEN VERBINDEN VON ZELLTERMINALS

Title (fr)

CONNECTEUR DE CELLULES POUR CONNECTER DE MANIÈRE ÉLECTROCONDUCTRICE DES CELLULES

Publication

**EP 4158721 A1 20230405 (DE)**

Application

**EP 21725097 A 20210507**

Priority

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- EP 2021062173 W 20210507

Abstract (en)

[origin: WO2021239442A1] In order to create a cell connector for electrically conductively connecting a first cell terminal of a first electrochemical cell and a second cell terminal of a second electrochemical cell, comprising a first contact region for electrically conductively connecting the cell connector to the first cell terminal, and a second contact region for electrically conductively connecting the cell connector to the second cell terminal, which reduces or delays a thermal propagation from a defective electrochemical cell to a neighbouring electrochemical cell via the cell connector, such that the risk of a thermal runaway of a defective electrochemical cell triggering a thermal runaway of a neighbouring electrochemical cell is reduced, according to the invention, the cell connector has at least one region with a reduced cross-section in the current path between the first contact region and the second contact region, in which the electrically conductive cross-section of the cell connector is reduced by at least one recess.

IPC 8 full level

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