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(54) CELL CONTACTING SYSTEM, METHOD FOR PRODUCING A CELL CONTACTING SYSTEM AND BATTERY MODULE

(57) Cell contacting system (100) for an electrical battery module (300), comprising:
a carrier structure (101);
a multiplicity of cell contacting elements (103), arranged on the carrier structure (101), for electrical contacting of a multiplicity of battery cells (301) of the battery module (300);
a multiplicity of power connections (119) electrically connected to the cell contacting elements (103); and
a measuring arrangement (107) for measuring at least one parameter of the battery module (300) connected to the cell contacting system (100), wherein the measuring arrangement (107) comprises at least one sensor element (109) for measuring the parameter,
wherein the sensor element (109) is connected to a connection contact (115) of the cell contacting system (100) via at least one sensor line (111), wherein a monitoring device can be connected to the measuring arrangement (107) via the connection contact (115) in order to monitor the parameter, wherein the sensor element (109) is connected to at least one cell contacting element (103) and is configured to measure the parameter, and
wherein the sensor element (109) is fastened on the cell contacting element (103) via a retaining element (115) formed on the cell contacting element (103).

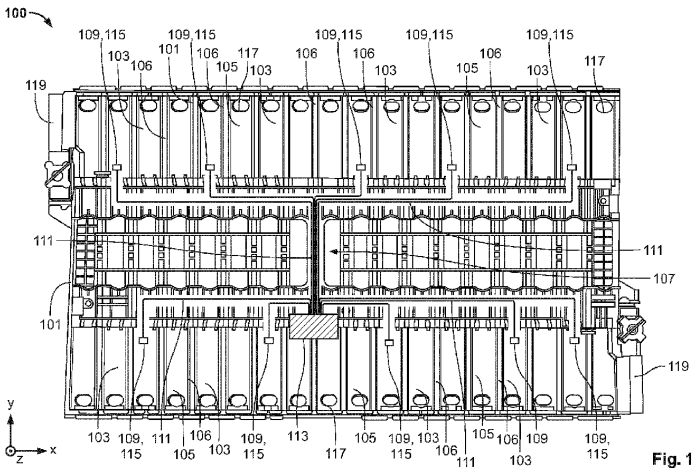

Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 23 19 1621

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	6 June 2024	Badcock, Gordon

CATEGORY OF CITED DOCUMENTS

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