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TAKAHASHI et al.(10) **Pub. No.: US 2022/0377881 A1**(43) **Pub. Date: Nov. 24, 2022**(54) **BATTERY WIRING MODULE****H01M 50/209** (2006.01)**H01M 50/519** (2006.01)(71) Applicants: **AUTONETWORKS****H01M 50/569** (2006.01)**TECHNOLOGIES, LTD.,** Mie (JP);
SUMITOMO WIRING SYSTEMS,
LTD., Mie (JP); **SUMITOMO**
ELECTRIC INDUSTRIES, LTD.,
Osaka (JP)**H01M 10/48** (2006.01)**H01M 50/298** (2006.01)**G01R 31/385** (2006.01)(52) **U.S. Cl.**CPC **H05K 1/0268** (2013.01); **H05K 1/028**(2013.01); **H05K 1/0298** (2013.01); **H05K****1/115** (2013.01); **H01M 50/209** (2021.01);**H01M 50/519** (2021.01); **H01M 50/569**(2021.01); **H01M 10/482** (2013.01); **H01M****50/298** (2021.01); **G01R 31/385** (2019.01)(72) Inventors: **Hideo TAKAHASHI,** Mie (JP);
Shinichi TAKASE, Mie (JP)(73) Assignees: **AUTONETWORKS****TECHNOLOGIES, LTD.,** Mie (JP);
SUMITOMO WIRING SYSTEMS,
LTD., Mie (JP); **SUMITOMO**
ELECTRIC INDUSTRIES, LTD.,
Osaka (JP)

(57)

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A battery wiring module includes a plurality of connecting members to be connected to electrode terminals and a flexible printed circuit board having a plurality of voltage detection lines for detecting the voltages of a plurality of power storage elements via the plurality of connecting members, at least one of the plurality of voltage detection lines being constituted to include a front surface wiring and a back surface wiring respectively formed on a front surface and a back surface of the flexible printed circuit board, and a front-back conduction part passing through the flexible printed circuit board in the plate thickness direction and connecting the front surface wiring and the back surface wiring, and the resistance value per unit length of the front-back conduction part being less than or equal to the maximum resistance value per unit length of the front surface wiring and the back surface wiring.

