



(12) **Patent Application Publication**
BABINOT et al.

(43) **Pub. Date:** **Nov. 10, 2022**

CPC *H02G 5/005* (2013.01); *H01M 50/505*
(2021.01); *H01M 50/526* (2021.01); *H01M*
50/516 (2021.01); *H01M 50/176* (2021.01)

ABSTRACT

In a module from an electrical battery, a laminated busbar interconnects prismatic electrical cells that are configured to be arranged in cell groups of the same number of cells. The busbar comprises:

a first electrically conductive layer, with at least one electrically conducting element, each configured to connect electric poles of two adjacent cell groups,

a first electrically insulating layer, laminated on the first conductive layer,

a first electrical connector, configured to be connected to a first cell group,

a second electrically conductive layer laminated onto the first insulating layer and comprising a second electrical connector to be connected to a last cell group, and

a third electrical connector located closer to the first electrical connector than to the second electrical connector.

The first insulating layer comprises a cut-out window, configured to allow electrical connection of the second electrical connector with the last cell group.

(30) **Foreign Application Priority Data**

May 6, 2021 (EP) 21305589.0

Publication Classification

(51) **Int. Cl.**

<i>H02G 5/00</i>	(2006.01)
<i>H01M 50/505</i>	(2006.01)
<i>H01M 50/526</i>	(2006.01)
<i>H01M 50/516</i>	(2006.01)
<i>H01M 50/176</i>	(2006.01)

