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**FUCHS et al.**(10) **Pub. No.: US 2024/0213497 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **BATTERY CELL AND METHOD FOR  
PRODUCING A BATTERY CELL***H01M 50/107* (2006.01)*H01M 50/148* (2006.01)*H01M 50/152* (2006.01)*H01M 50/531* (2006.01)(71) Applicant: **Bayerische Motoren Werke  
Aktiengesellschaft, Muenchen (DE)**(52) **U.S. Cl.**CPC ..... *H01M 4/75* (2013.01); *H01M 10/0422*  
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(2021.01)(72) Inventors: **Franz FUCHS**, Muenchen (DE); **Kevin  
GALLAGHER**, Naperville, IL (US);  
**Frederik MORGENSTERN**, San  
Francisco, CA (US); **Seokyoony YOO**,  
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**ABSTRACT**

A battery cell includes: (i) a cylindrical cell housing having a hollow cylinder; (ii) an electrically conductive closure plate closing the hollow cylinder at an end face and having an opening; (iii) an electrode of a first electrical polarity and an electrode of a second electrical polarity opposite to the first polarity, the electrodes being separated by a separator; (iv) an electrically conductive rod, which extends along a longitudinal axis of the hollow cylinder as far as the opening, so that, at a first end of the rod, the rod is electrically contactable through the opening. The electrode of the first polarity is electrically connected to the closure plate. The electrode of the second polarity is electrically connected to the electrically conductive rod at a second end of the rod different from the first end, the electrically conductive rod being electrically isolated from the electrically conductive closure plate.

