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**WANG et al.**(10) **Pub. No.: US 2023/0231287 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **BATTERY CORE, BATTERY, AND BATTERY PACK****Publication Classification**(71) Applicant: **BYD COMPANY LIMITED,**  
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(2021.01)(72) Inventors: **Xinyue WANG**, Shenzhen (CN);  
**Pingan DUAN**, Shenzhen (CN); **Han**  
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(57) **ABSTRACT**

The present disclosure discloses a battery core, a battery, and a battery pack. The battery core includes: at least one core, where each core has a plurality of tabs, the plurality of tabs successively form, after being converged, a tab end-portion staggered layer region, a tab soldering region, and a pre-soldered press-fit region, parts of the plurality of tabs exposed out of the core form a tab exposure region, and a length of the tab exposed out of the core in the tab exposure region is determined according to a width of the tab end-portion staggered layer region, a width of the tab soldering region, a width of the pre-soldered press-fit region, a thickness of the core, and a tab bending angle of the tab.

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