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(54) **ELECTRODE ASSEMBLY, BATTERY, BATTERY MODULE, BATTERY PACK AND POWERED DEVICE**

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(57) **ABSTRACT**
An electrode assembly, a battery, a battery module, a battery pack and a powered device are provided. The electrode assembly comprises a first electrode piece, a second electrode piece with opposite polarity to the first electrode piece, and a separator arranged between the first electrode piece and the second electrode piece; the electrode assembly is obtained by winding the first electrode piece, the second electrode piece and the separator; and the separator comprises a base film and a coating provided on at least part of the surface of the base film, and the coating comprises a hydraulic inorganic material capable of hardening upon reaction with water. The present application can solve the problem of central hole collapse in the electrode assembly and the battery, and improve the safety performance and cycle performance of the battery.

