

ABSTRACT

The present invention provides a coating slurry, a separator, a preparation method, and a battery. Main components of the coating slurry include a solvent, an ultra-high heat-resistant polymer resin binder, an auxiliary binder, a cross-linking agent, and an inorganic filler. According to the present invention, the heat resistance and film breaking temperature of the separator are successfully improved at a low cost by using a simple formula, thereby greatly improving the safety of a battery.

10 FIG. 1