ABSTRACT

The present invention provides a nano slurry and a preparation method thereof, a battery separator and a manufacturing method thereof, and a battery. The nano slurry includes a dispersion medium, a ceramic material, a one-dimensional nanomaterial, a linear hydrophilic polymer and an adhesive, where a mass ratio of the one-dimensional nanomaterial to the ceramic material is in a range of 0.01% to 20%, and a particle diameter of the ceramic material are in a range of 5 nm to 500 nm.

FIG. 1