ABSTRACT

A coating slurry for a battery separator, includes an organic polymer, a solvent, and a photoinitiator. A coated separator prepared with the coating slurry, and a preparation method of the coated separator are also provided. The preparation method of the coated separator includes: coating the coating slurry on at least one surface of a substrate, and irradiating a coated substrate under ultraviolet (UV) light with a set energy and wavelength to allow UV crosslinking to obtain the coated separator.

[FIG. 2]