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(54) **SLURRY FILTERING DEVICE AND COATING SYSTEM**

(57) Embodiments of this application relate to the field of lithium battery production technologies and disclose a slurry filtering apparatus and a coating system. The slurry filtering apparatus includes a rotating filter element and a gravity filter. The gravity filter is provided with a feed port and a first discharge port. A height of the feed port on the gravity filter is greater than that of the first discharge port on the gravity filter. The rotating filter element is connected to the feed port and is configured to provide a positive-pressure filtered slurry to the gravity filter. The first discharge port is configured to convey a slurry filtered by the gravity filter to a coating apparatus. According to the above manner, the embodiments of this application reduce a quantity of large-particle soft substances formed by deposition and agglomeration in the

slurry, thereby improving coating quality.

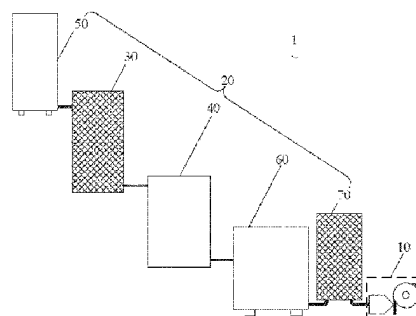


FIG. 1