Abstract

A method of applying a coating solution to spinning substrates, in which a controller causes a rotary support to spin a substrate at low speed with a predetermined supply of rotational frequency. The coating solution is supplied through a coating solution supply nozzle to a region centrally the substrate spinning at low speed. The rotational frequency of the substrate is increased to a target rotational frequency before the coating solution supplied to the substrate spreads over an entire surface of the substrate. Then, the controller causes the rotary support to spin the substrate at high speed with a predetermined film-forming rotational frequency, thereby coating the surface of the substrate with a film of desired thickness. Also, an apparatus for performing such method.