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(54) **Title**: CONVEYOR ASSEMBLY AND METHOD FOR CONVEYING A SUBSTRATE CARRIER

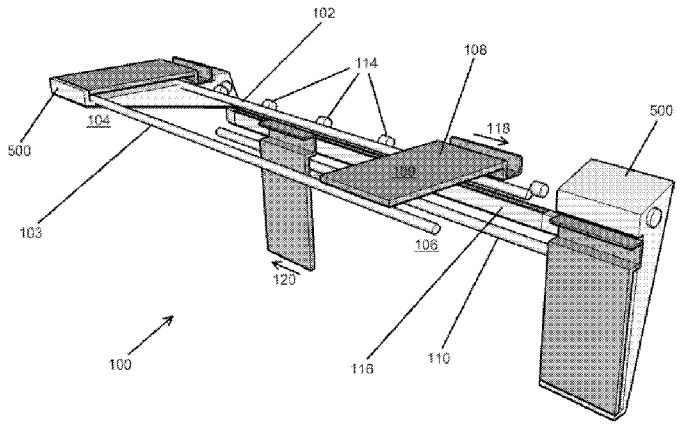



FIG. 1

(57) **Abstract**: A conveyor assembly (100) suitable for use in a substrate processing system (800), comprising: at least one substrate carrier (108) having a substrate-carrying surface (109) for supporting at least one substrate;a processing track; a return track; a drive system for driving the substrate carrier (108) along the processing track and the return track; and at least one swivel unit (500) configured to pivot the substrate carrier (108) around a substantially horizontal axis from a first orientation into a second orientation, and/or vice versa. Also provided is a method for conveying a substrate carrier (108) comprising: providing a substrate carrier (108); positioning the substrate carrier (108) in a first orientation; conveying the substrate carrier (108) along a first track; and rotating the substrate carrier (108) around a substantially horizontal axis into a second orientation.

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