SUBSTRATE PREPARATION USING STABILIZED FLUID SOLUTIONS AND METHODS FOR MAKING STABLE FLUID SOLUTIONS

ABSTRACT

A method for making a solution for use in preparing a surface of a substrate is provided. The method includes providing a continuous medium that adds a polymer material to the continuous medium. A fatty acid is adding to the continuous medium having the polymer material, and the polymer material defines a physical network that exerts forces in the solution that overcome buoyancy forces experienced by the fatty acid, thus preventing the fatty acids from moving within the solution until a yield stress of the polymer material is exceeded by an applied agitation. The applied agitation is from transporting the solution from a container to a preparation station that applies the solution to the surface of the substrate.

[FIG. 5]