

Abstract

A roller group for transporting a thin substrate (16) comprises an upper roller (12) fixed to an upper roller shaft (10) and a lower roller (18) fixed to a lower roller shaft (10), the upper and lower rollers rotating reversely at the same linear velocity in a clockwise direction and a counter-clockwise direction respectively to allow the thin substrate to move towards a certain direction. The upper roller includes a fixed roller and a plurality of elastic pieces secured on the fixed roller around its outer circumference surface. A method for performing a chemical treatment by using the above roller group for transporting a thin substrate comprises: using one or more sets of the roller groups to allow the thin substrate to continuously move towards one direction, so as to perform a continuous wet-chemical treatment to the thin substrate using a solution. The upper roller can ensure the smooth transporting of the thin substrate in any case even if the thin substrate disengages from the lower roller, to the effect that performs the continuous wet-chemical treatment.

Drawing for the abstract: Fig. 2

