ABSTRACT OF THE INVENTION

APPARATUS FOR PRODUCING FIBERS BY ELECTROSPINNING

A capillary tube made from a non-conductive material is adapted for use in an electrospinning process from which a polymer solution is drawn from the capillary tube. Also, an electrospinning apparatus comprises at least a supply unit for supplying a polymer material in a liquid state for producing fibers, a nozzle rack for mounting a plurality of capillary tubes for discharging the polymer material, a power supply for applying a predetermined voltage to the apparatus, and a collector opposed the nozzle rack for collecting the fibers, wherein each of the plurality of capillary tubes is made of a non-conductive material.

Figure 1 accompanies the abstract.