

ABSTRACT

METHOD FOR MANUFACTURING DRUG-CONTAINING BIODEGRADABLE FIBER MATERIAL BY ELECTROSPINNING

The present invention addresses the problem of providing a drug formulation material with which localized sustained release of a drug at any site in the body is possible, and which has good bioabsorption and is absorbed and broken down by the body after sustained release of the drug. A drug formulation material that has an exceedingly high sustained release effect, and that solves the foregoing problem, was successfully developed by dissolving a biodegradable resin and a drug in a solvent to prepare a spinning solution, and spinning fibers from the spinning solution by electrospinning.

FIG. 5