## ABSTRACT

# PREPARATION METHOD FOR BIOLOGICAL SURGERY PATCH, BIOLOGICAL SURGERY PATCH PREPARED BY METHOD, AND APPLICATION THEREOF

A preparation method for a biological surgery patch, a biological surgery patch prepared by the method, and an application thereof. A base material of the preparation method is a bacterial cellulose membrane prepared by biological fermentation: the bacterial cellulose membrane prepared by biological fermentation is subjected to purification, oxidation, freeze thawing, composite process processing, electrostatic spinning, freezing drying and membrane pressing to obtain the biological surgery patch. The biological surgery patch is good in biocompatibility, mechanical properties, sewing performance and clinical application convenience and capable of satisfying the basic requirements of surgery patch materials.

Figure 2