

## TÍTULO:

# METHOD AND DEVICE FOR GENERATING CONTINUOUS FIBRES HAVING A NANOSCALE DIAMETER AND NANOSCALE FIBRES GENERATED



## TITULARES:

Universidad de Vigo

## APLICACIONES:

Ingeniería biomédica

## PRODUCTO:

Patente

## SITUACIÓN:

European patent: granted EP3372712. Year 2020.

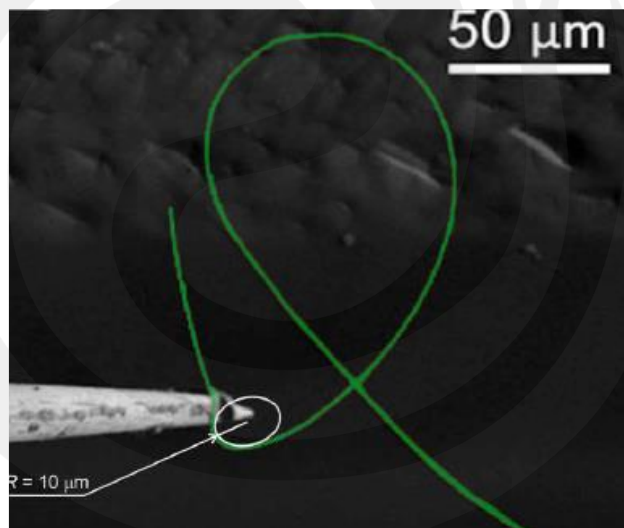
<https://register.epo.org/application?number=EP16861654>

## RESUMEN

The present invention is comprised in the field of material processing techniques for producing nanomaterials, i.e., materials in which at least one of its dimensions is in nanoscale.

The technique described in the present invention allows producing continuous and separate fibers the diameter of which is in nanoscale and the length of which is indefinitely long.

The nanometric fibres produced by this method and the specific device design to produce those nanofibers are also the object of the present invention.



Example of nanofibre obtained by the patented method as can be seen under a scanning electron microscope. The nanofibers are extremely flexible as is shown in the image.