



Intellectual
Property
Office

Application

GB2624469

Application details

Application number	GB2217400.7
Publication number	GB2624469
Application title	Insert
Abstract	There is provided an insert 100 for culturing tissue comprising: a base 110 comprising a groove 140 configured to provide a guide for adding cells to be cultured; a first pillar 120 upstanding from the base and configured to support a first anchor; and a second pillar 120 upstanding from the base 110 and configured to support a second anchor. The insert 100 is configured so that cells may be cultured to form tissue between the first and second pillars 120 using the anchors for support. The pillars 120 may be biocompatible and biodegradable.
Status	Published

Dates

Lodged date	21 November 2022
Filing date	21 November 2022
Compliance date	21 May 2027
Publication date	22 May 2024
Date examination requested	21 November 2024

Applicants

Name	Address
Nottingham Trent University	50 Shakespeare Street, Nottingham, Nottinghamshire, NG1 4FQ, GB

Representation

The 'address for service' is the address for the applicant or their representative. It is the main point of contact for the application and is used in the event of any legal proceedings.

Name	Address for service
Barker Brettell LLP	100 Hagley Road, Edgbaston, BIRMINGHAM, B16 8QQ, GB

Inventors

The address has been provided for the purposes of identifying the inventor(s) and may not be up to date.

Name	Address
Yang Wei	50 Shakespeare Street, Nottingham, NG1 4FQ, GB
Livia Santos	50 Shakespeare Street, Nottingham, NG1 4FQ, GB

Documents

Documents	Date
Filing Receipt published with OLFI	21 November 2024
A Publication Document OPI	22 May 2024
Outgoing Letter OPI	22 April 2024
Filing Receipt published with OLFI	18 December 2023
Outgoing Letter OPI	11 December 2023
Abstract	5 December 2023
Abstract	20 November 2023
Filing Receipt published with OLFI	20 November 2023
Incoming Letter published with OLFI	20 November 2023
External Search Report Outgoing OPI	4 April 2023
Outgoing Letter OPI	4 April 2023
Pre-Examination OPI	6 December 2022
Claims OPI	21 November 2022
Drawings - In OPI	21 November 2022
Filing Receipt published with OLFI	21 November 2022
Incoming Description OPI	21 November 2022

Examination details

A Publication refers to a patent application being published. B Publication refers to a patent being granted.

Patent citations

Citations are earlier documents used by patent examiners to determine if the invention of this patent application is new and inventive. View the list of citations for this patent on Espacenet.

Publication stage	Publication number
A	JP2020010683 (A)
A	US20160235527 (A1)

Classifications

International Patent Classification (IPC)

The IPC is an internationally maintained patent classification scheme administered by the World Intellectual Property Organisation (WIPO). IPC classification symbols classify patents according to the different areas of technology.

Publication stage	Subclass	Subgroup	Version date	Category
A	C12M	0001/00	1 January 2006	Inventive (F)

Cooperative Patent Classification (CPC)

The CPC is a further patent classification scheme, based on the IPC, and is maintained by the European Patent Office (EPO) and United States Patent and Trademark Office (USPTO).

Publication stage	Subclass	Subgroup	Version date	Category
A	C12M	0021/08	1 January 2013	Inventive (F)
A	C12M	0023/12	1 January 2013	Inventive
A	C12M	0025/06	1 January 2013	Inventive
A	C12M	0023/02	1 January 2013	Inventive
A	C12M	0025/04	1 January 2013	Inventive

Field of search

This shows the databases or classification schemes where examiners have searched for this invention.

Publication stage	Searched	Codes
A	databases	WPI, EPODOC
A	IPC	C12M