

Title (en)
METHOD OF PRODUCING BIOMATERIALS

Title (de)
VERFAHREN ZUM HERSTELLEN VON BIOMATERIALEN

Title (fr)
PROCEDE POUR PRODUIRE DES BIOMATERIAUX

Publication
EP 1018983 A4 20060927 (EN)

Application
EP 98906166 A 19980206

Priority

- US 9802243 W 19980206
- US 79842597 A 19970207
- US 79842697 A 19970207

Abstract (en)
[origin: WO9836707A1] It is a general object of the invention to provide a method of effecting tissue repair or replacement using a biomaterial. It is a specific object of the invention to provide a biomaterial suitable for use as a stent, for example, a vascular stent, or as conduit replacement, as an artery, vein or a ureter replacement. The biomaterial can also be used as a stent or conduit covering or lining. The present invention relates to a method of repairing, replacing or supporting a section of a body tissue. The method comprises positioning a biomaterial at the site of the section and bonding the biomaterial to the site or to the tissue surrounding the site. The bonding is effected by contacting the biomaterial and the site, or tissue surrounding the site, at the point at which said bonding is to be effected, with an energy absorbing agent. The agent is then exposed to an amount of energy absorbable by the agent sufficient to bond the biomaterial to the site or to the tissue surrounding the site.

IPC 1-7
A61F 2/02

IPC 8 full level
A61F 2/00 (2006.01); **A61F 2/06** (2006.01); **A61L 27/22** (2006.01); **A61L 27/36** (2006.01); **A61L 27/38** (2006.01); **A61L 27/50** (2006.01); **A61L 31/00** (2006.01); **A61L 31/04** (2006.01); **A61L 31/14** (2006.01); **A61F 2/04** (2006.01)

CPC (source: EP)
A61F 2/0063 (2013.01); **A61F 2/06** (2013.01); **A61L 27/227** (2013.01); **A61L 27/3683** (2013.01); **A61L 27/3804** (2013.01); **A61L 27/3839** (2013.01); **A61L 27/50** (2013.01); **A61L 31/005** (2013.01); **A61L 31/047** (2013.01); **A61L 31/14** (2013.01); **A61F 2/042** (2013.01)

Citation (search report)

- [A] WO 9622054 A1 19960725 - MICROSEARCH FOUNDATION OF AUST [AU], et al
- [A] US 5552452 A 19960903 - KHADEM JOHN [US], et al
- [A] US 5292362 A 19940308 - BASS LAWRENCE S [US], et al
- See references of WO 9836707A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9836707 A1 19980827; AU 6146698 A 19980909; AU 748911 B2 20020613; CA 2279907 A1 19980827; EP 1018983 A1 20000719; EP 1018983 A4 20060927

DOCDB simple family (application)
US 9802243 W 19980206; AU 6146698 A 19980206; CA 2279907 A 19980206; EP 98906166 A 19980206