

Title (en)
SELF-SUPPORTING, SHAPED, THREE-DIMENSIONAL BIOPOLYMERIC MATERIALS AND METHODS

Title (de)
SELBSTTRAGENDE, GEFORMTE, DREIDIMENSIONALE BIOPOLYMER MATERIALIEN SOWIE VERFAHREN

Title (fr)
MATERIAUX BIOPOLYMERES EN TROIS DIMENSIONS, CONFORMES ET AUTOPORTANTS ET PROCEDES

Publication
EP 1180986 A2 20020227 (EN)

Application
EP 00935915 A 20000512

Priority
• US 0012886 W 20000512
• US 13462499 P 19990518

Abstract (en)
[origin: WO0070018A2] Self-supporting, shaped, three-dimensional cross-linked proteinaceous biopolymeric materials that may be implanted in vivo, and methods of making such materials are disclosed. The biopolymeric materials most preferably include reinforcing media, such as biocompatible fibrous or particulate materials. In use, the preformed, shaped biopolymeric materials may be applied to tissue in need of repair and then sealed around its edges with a liquid bioadhesive. In such a manner, repaired tissue which is capable of withstanding physiological pressures may be provided.

IPC 1-7
A61F 2/20; C08H 1/00; C08K 3/26; C08K 3/32; C08K 3/40

IPC 8 full level
A61L 27/00 (2006.01); **A61F 2/02** (2006.01); **A61F 2/04** (2013.01); **A61L 27/22** (2006.01); **A61L 27/48** (2006.01); **A61L 27/56** (2006.01); **A61L 33/00** (2006.01); **C08J 5/04** (2006.01); **D06M 15/15** (2006.01); **D06N 3/00** (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP)
A61L 27/22 (2013.01); **A61L 27/48** (2013.01); **A61L 27/56** (2013.01); **D06M 15/15** (2013.01); **D06N 3/0097** (2013.01)

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

DOCDB simple family (publication)
WO 0070018 A2 20001123; **WO 0070018 A3 20010830**; AU 5130200 A 20001205; AU 770316 B2 20040219; CA 2372276 A1 20001123; CA 2372276 C 20120110; EP 1180986 A2 20020227; EP 1180986 A4 20040303; EP 2311407 A1 20110420; JP 2002543950 A 20021224

DOCDB simple family (application)
US 0012886 W 20000512; AU 5130200 A 20000512; CA 2372276 A 20000512; EP 00935915 A 20000512; EP 10181818 A 20000512; JP 2000618424 A 20000512