

Title (en)
TISSUE DRESSING ASSEMBLIES, SYSTEMS, AND METHODS FORMED FROM HYDROPHILIC POLYMER SPONGE STRUCTURES SUCH AS CHITOSAN

Title (de)
GEWEBEVERBANDSANORDNUNGEN, SYSTEME UND VERFAHREN AUS HYDROPHILEN POLYMER-SCHWAMMSTRUKTUREN WIE CHITOSAN

Title (fr)
ENSEMBLES, SYSTEMES ET PROCEDES DESTINES A DES PANSEMENTS EN TISSU FORMES A PARTIR DE STRUCTURES SPONGIEUSES POLYMERES HYDROPHILES TELLES QU'UN CHITOSANE

Publication
EP 1699397 A4 20120215 (EN)

Application
EP 04815250 A 20041222

Priority
• US 2004043147 W 20041222
• US 74305103 A 20031223
• US 74305203 A 20031223

Abstract (en)
[origin: WO2005062896A2] Tissue dressing assemblies are formed from hydrophilic polymer sponge structures. The tissue dressing assemblies can be used, e.g., (i) stanch, seal, or stabilize a site of tissue injury, tissue trauma, or tissue access; or (ii) form an anti-microbial barrier; or (iii) form an antiviral patch; or (iv) intervene in a bleeding disorder; or (v) release a therapeutic agent; or (vi) treat a mucosal surface; or (vii) combinations thereof. The tissue dressing structures are made compliant, e.g., by (i) micro-fracturing of a substantial portion of the sponge structure by mechanical manipulation prior to use, or (ii) a surface relief pattern formed on a substantial portion of the sponge structure prior to use, or (iii) a pattern of fluid inlet channels formed in a substantial portion of the sponge structure prior to use, or (iv) the impregnation of a sheet material within the sponge structure.

IPC 8 full level
A61F 13/00 (2006.01); **A61F 13/36** (2006.01); **A61F 15/00** (2006.01); **A61L 15/22** (2006.01); **A61L 15/28** (2006.01); **A61L 15/42** (2006.01)

CPC (source: EP KR)
A61F 13/00 (2013.01 - KR); **A61F 13/00063** (2013.01 - EP); **A61F 13/0008** (2013.01 - EP); **A61F 13/02** (2013.01 - KR); **A61F 13/0213** (2013.01 - EP); **A61F 13/0253** (2013.01 - EP); **A61F 13/0276** (2013.01 - EP); **A61F 13/36** (2013.01 - EP); **A61F 15/00** (2013.01 - KR); **A61L 15/28** (2013.01 - EP); **A61L 15/42** (2013.01 - EP); **A61L 15/425** (2013.01 - EP); **A61F 2013/00255** (2013.01 - EP); **A61F 2013/00327** (2013.01 - EP); **A61F 2013/00463** (2013.01 - EP); **A61F 2013/00472** (2013.01 - EP); **A61F 2013/0054** (2013.01 - EP); **A61F 2013/00582** (2013.01 - EP); **A61F 2013/00676** (2013.01 - EP); **A61F 2013/00714** (2013.01 - EP); **A61F 2013/00719** (2013.01 - EP); **A61F 2013/00744** (2013.01 - EP); **A61F 2013/00863** (2013.01 - EP); **A61F 2013/00897** (2013.01 - EP); **A61F 2013/0091** (2013.01 - EP); **A61F 2013/00931** (2013.01 - EP); **A61L 2400/04** (2013.01 - EP)

Citation (search report)
• [X1] WO 03092756 A1 20031113 - CA MINISTER NAT DEFENCE [CA]
• See references of WO 2005062896A2

Citation (examination)
WO 02102276 A2 20021227 - GREGORY KENTON W [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005062896 A2 20050714; **WO 2005062896 A3 20051110**; AU 2004308415 A1 20050714; CA 2548527 A1 20050714; EP 1699397 A2 20060913; EP 1699397 A4 20120215; IL 176036 A0 20061005; JP 2007516051 A 20070621; JP 4812630 B2 20111109; KR 101105081 B1 20120116; KR 20070001915 A 20070104; MX PA06007343 A 20070126; NO 20062550 L 20060922; NZ 548079 A 20090925

DOCDB simple family (application)
US 2004043147 W 20041222; AU 2004308415 A 20041222; CA 2548527 A 20041222; EP 04815250 A 20041222; IL 17603606 A 20060531; JP 2006547315 A 20041222; KR 20067012470 A 20041222; MX PA06007343 A 20041222; NO 20062550 A 20060602; NZ 54807904 A 20041222