

Title (en)

ENCAPSULATED INTRALUMINAL STENT-GRAFT AND METHODS OF MAKING SAME

Title (de)

EINGEKAPSELTES ENDOLUMINALES STENTTRANSPLANTAT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

STENT-GREFFON INTRALUMINAL ENCAPSULE ET PROCEDE DE FABRICATION ASSOCIE

Publication

EP 1054646 A1 20001129 (EN)

Application

EP 98918939 A 19980504

Priority

- US 9808994 W 19980504
- US 9802361 W 19980202

Abstract (en)

[origin: WO9938455A1] Shape memory alloy and elastically self-expanding endoluminal stents which are at least partially encapsulated in a substantially monolithic expanded polytetrafluoroethylene ("ePTFE") covering. An endoluminal stent, which has a reduced diametric dimension for endoluminal delivery and a larger in vivo final diametric diameter, is encapsulated in an ePTFE covering which circumferentially covers both the luminal and abluminal walls along at least a portion of the longitudinal extent of the endoluminal stent. The shape memory endoluminal stent is fabricated from a shape memory alloy which exhibits either shape memory or pseudoelastic properties or from an elastic material having an inherent spring tension.

IPC 1-7

A61F 2/06

IPC 8 full level

A61F 2/06 (2006.01); **A61F 2/07** (2013.01); **A61F 2/84** (2006.01); **A61F 2/90** (2013.01); **A61F 2/95** (2013.01); **A61F 2/966** (2013.01); **A61L 27/00** (2006.01); **A61L 31/10** (2006.01)

CPC (source: EP US)

A61F 2/07 (2013.01 - EP); **A61F 2/95** (2013.01 - EP); **A61F 2/966** (2013.01 - EP US); **A61L 31/10** (2013.01 - EP); **A61F 2/90** (2013.01 - EP); **A61F 2002/072** (2013.01 - EP); **A61L 2400/16** (2013.01 - EP)

Citation (search report)

See references of WO 9938455A1

Designated contracting state (EPC)

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