

Title (en)

STENTS FOR BODY LUMENS EXHIBITING PERISTALTIC.

Title (de)

STENTS FÜR KÖRPERLUMINA DIE EINE PERISTALTIK AUFWEISEN.

Title (fr)

DISPOSITIF D'EXPANSION POUR PASSAGES CORPORELS A MOUVEMENT PERISTALTIQUE.

Publication

**EP 0664689 A4 19970226 (EN)**

Application

**EP 93923362 A 19931013**

Priority

- US 96058492 A 19921013
- US 9309717 W 19931013

Abstract (en)

[origin: WO9412136A1] A stent (100) for reinforcement of the lumen of a peristaltic organ, and methods for forming, shaping and heat-treating of such a stent. The stent (100) is formed by knitting preferably a nitinol wire into a pattern of overlapping loops selected such that from a relaxed state each row of loops may shift axially relative to and independently of the rows on either side. A stent is also shown which comprises two resilient cylindrical mesh layers (532, 534) and a semi-permeable compliant membrane (530) such as expanded polytetrafluoroethylene, sandwiched between. A method is also shown of manufacturing a delivery system for a resilient tubular device such as a stent so that the device can be inserted into the body in a substantially reduced diameter.

IPC 1-7

**A61F 2/06**; **A61M 29/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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BE DE DK ES FR IE IT NL

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**WO 9412136 A1 19940609**; CA 2146156 A1 19940609; CA 2146156 C 20041130; CA 2475058 A1 19940609; CA 2475058 C 20081202; EP 0664689 A1 19950802; EP 0664689 A4 19970226; JP 3904598 B2 20070411; JP H08502428 A 19960319

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