

Title (en)
DEVICES, SYSTEMS, AND METHODS FOR ENDOVASCULAR STAPLE AND/OR PROSTHESIS DELIVERY AND IMPLANTATION

Title (de)
VORRICHTUNGEN, SYSTEME UND VERFAHREN ZUR FREISETZUNG EINER ENDOVASKULÄREN KLAMMER UND/ODER PROTHESE SOWIE IMPLANTATION

Title (fr)
DISPOSITIFS, SYSTÈMES ET PROCÉDÉS DE POSE ET D'IMPLANTATION D'AGRAFES ET/OU DE PROTHÈSES ENDOVASCULAIRES

Publication
EP 2349087 A4 20160914 (EN)

Application
EP 09820891 A 20091014

Priority

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- US 28803408 A 20081016

Abstract (en)
[origin: CA2740831A1] Devices, systems, and methods for implanting expandable prostheses in the body lumens rely on stapling or anchoring the prostheses with separately introduced fasteners. The prostheses may be self -expanding or balloon expandable, and may include a single lumen or more than one lumen. After initial placement, a stapling system is introduced within the expanded prosthesis to deploy a plurality of fasteners to at least one prosthesis end. The stapling system may apply a force- to the prosthesis to modify the shape of the prosthesis to conform to the shape of the vessel wall. The stapling system can be deflected in one or more distinct steerable segments. A lumen extension or lumens may be coupled to the prosthesis to extend the reach of the prosthesis within the implantation site. Fasteners may also be applied to the lumen extensions.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)

- [X] US 6416522 B1 20020709 - STRECKER ERNST PETER [DE]
- [X] WO 2004058077 A1 20040715 - EDRICH VASCULAR DEVICES INC [US]
- See references of WO 2010044856A1

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