

Title (en)
DEVICES AND METHODS FOR FORMING MAGNETIC ANASTOMOSES AND PORTS IN VESSELS

Title (de)
GERÄT UND VERFAHREN ZUR FORMUNG MAGNETISCHER ANASTOMOSEN UND ZUGÄNGE IN GEFÄSSEN

Title (fr)
DISPOSITIFS ET PROCEDES PERMETTANT DE FORMER DES ANASTOMOSES MAGNETIQUES ET DES ORIFICES DANS DES VAISSEAUX

Publication
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Application
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Abstract (en)
[origin: WO0213699A1] Methods and devices using magnetic force to form an anastomosis between hollow bodies. End-to-side, side-to-side and end-to-end anastomoses can be created without using suture or any other type of mechanical fasteners, although such attachment means may be used in practicing some aspects of the invention. Magnetic anastomotic components (16) may be attached to the exterior of a vessel, e.g., by adhesive, without extending into the vessel lumen. Various magnetic component configurations are provided and may have different characteristics, for example, the ability to match the vessel curvature or to frictionally engage the vessel.

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Citation (search report)

- [A] FR 2760627 A1 19980918 - POZZI JEAN PIERRE [FR]
- [A] US 5916226 A 19990629 - TOZZI PIERGIORGIO [CH]
- [A] WO 0024339 A1 20000504 - BERREKLOUW ERIC [NL]
- See references of WO 0213704A1

Cited by
US10561423B2; US10154844B2; US11304698B2

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