

Title (en)
INTRATUBULAR ANASTOMOSIS APPARATUS

Title (de)
INTRATUBULÄRES ANASTOMOSEGERÄT

Title (fr)
APPAREIL D'ANASTOMOSE INTRATUBULAIRE

Publication
EP 1538995 A4 20090225 (EN)

Application
EP 03738475 A 20030721

Priority
• IL 0300596 W 20030721
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• US 23735902 A 20020909

Abstract (en)
[origin: WO2004008936A2] Intratubular anastomosis apparatus for joining portions of a hollow organ after intussusception, includes a ring and a crimping support. The anastomosis ring includes a length of a wire formed of a shape memory alloy varying between a plastic state at a lower temperature, and an elastic crimping configuration, at a higher temperature, and defining a circular shape, having overlapping ends; the ring crimping adjacent organ portions against the support causing anastomosis therebetween. The support has a cylindrical side-wall, and end walls transverse thereto ; an aperture for facilitating flow and means for operationally engaging the support to an applicator for positioning the support adjacent to the ring for crimping therebetween of organ wall portions. In an open surgery excising procedure, excision of a portion of diseased or problematic bowel is provided using an anastomosis ring and crimping support , achieving anastomosis whereby the risk of leakage is substantially reduced and no staples or sutures remain in the anastomosed bowel.

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IPC 8 full level
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CPC (source: EP)
A61B 17/1114 (2013.01); **A61B 2017/00867** (2013.01); **A61B 2017/1117** (2013.01); **A61B 2017/1132** (2013.01)

Citation (search report)
• [Y] US 4964863 A 19901023 - KANSHIN NIKOLAI N [SU], et al
• [Y] WO 9965409 A1 19991223 - ADVANCED BYPASS TECHNOLOGIES I [US]
• [A] US 6171320 B1 20010109 - MONASSEVITCH LEONID [IL]
• [A] US 2002049459 A1 20020425 - KATO YUKITOSHI [JP]
• See references of WO 2004008936A2

Designated contracting state (EPC)
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