

Title (en)

METHODS, SYSTEMS AND DEVICES FOR REDUCING THE SIZE OF AN INTERNAL TISSUE OPENING

Title (de)

VERFAHREN, SYSTEME UND GERÄTE ZUR REDUZIERUNG DER GRÖSSE EINER ÖFFNUNG IN INNEREM GEWEBE

Title (fr)

PROCÉDÉS, SYSTÈMES ET DISPOSITIFS DESTINÉS À RÉDUIRE LA TAILLE D'UNE OUVERTURE DE TISSU INTERNE

Publication

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Application

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- US 94262507 P 20070607
- US 83612307 A 20070808
- US 83600007 A 20070808
- US 83601307 A 20070808
- US 83602607 A 20070808
- US 83603707 A 20070808
- US 83601607 A 20070808
- US 83605107 A 20070808

Abstract (en)

[origin: WO2008021969A2] A medical system for treating an internal tissue opening can include a closure device and associated delivery device. The closure device can include a multi-cellular body portion operatively associated with a first anchor and a second anchor. The closure device can be configured to apply lateral force to tissue of the internal tissue opening to bring tissue together. The closure device can have a substantially flat aspect, and have a depth that is substantially greater than the thickness of a majority of the members forming the closure device. The closure device can also include a member for promoting tissue growth. The delivery device can include an actuating assembly configured to partially deploy the closure device by a first movement, and deploy a second portion of the closure device by a second movement. The delivery device can also include a release assembly to selectively release or disconnect the closure device from the delivery device.

IPC 8 full level

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Citation (search report)

- [X] WO 9808462 A2 19980305 - SIMON MORRIS [US]
- [X] US 2004225324 A1 20041111 - MARINO JOSEPH A [US], et al
- [X] EP 1175867 A2 20020130 - MICROVENA CORP [US]
- [X] US 2005192627 A1 20050901 - WHISENANT BRIAN K [US], et al
- [X] US 6355052 B1 20020312 - NEUSS MALTE [DE], et al
- [A] EP 0536610 A1 19930414 - ANGIOMED AG [DE]
- See references of WO 2008021969A2

Citation (examination)

WO 2004103209 A2 20041202 - SECANT MEDICAL LLP [US], et al

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**WO 2008021969 A2 20080221**; **WO 2008021969 A3 20081113**; AU 2007286171 A1 20080221; AU 2007297516 A1 20080327; CA 2659109 A1 20080327; CA 2659365 A1 20080221; EP 2068759 A2 20090617; EP 2068759 A4 20130410; EP 2068777 A2 20090617; EP 2068777 A4 20130515; JP 2010500129 A 20100107; JP 2010500130 A 20100107; JP 5334850 B2 20131106; NZ 574737 A 20120525; NZ 574738 A 20120224; WO 2008036478 A2 20080327; WO 2008036478 A3 20081218

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