

Title (en)

DEVICES AND METHODS FOR LUNG VOLUME REDUCTION

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR LUNGENVOLUMENREDUKTION

Title (fr)

DISPOSITIFS ET MÉTHODES UTILISABLES EN VUE DE LA RÉDUCTION DU VOLUME PULMONAIRE

Publication

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Application

EP 14823196 A 20140711

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- US 201361856227 P 20130719
- US 201361906711 P 20131120
- US 201361914330 P 20131210
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Abstract (en)

[origin: WO2015006729A2] Methods, devices, and systems for mechanically reducing the volume of the lung. Some embodiments are a device for reducing the volume of a lung, comprising a distal anchor, a proximal anchor, and a tether extending between the distal and proximal anchors, the device configured so that the distance between the anchors measured along the tether can be increased or decreased and maintained after release of a delivery device. Some embodiments are a method of reducing the volume of a lung, comprising endobronchially deploying an anchoring device within the lung, the anchoring device comprising a distal anchor, a proximal anchor, and a tether extending between the distal and proximal anchors, the device configured such that the distance between the distal and proximal anchors measured along the tether can be increased or decreased and then maintained after release of the anchoring device from a delivery device, reducing the volume of the lung by decreasing the distance between the distal and proximal anchors, and maintaining the decreased distance.

IPC 8 full level

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Citation (search report)

- [X] WO 0189366 A2 20011129 - BRONCUS TECH INC [US], et al
- [X] US 2007232992 A1 20071004 - KUTSKO JAMES [US], et al
- [X] US 2009076526 A1 20090319 - ROUSSEAU ALEXANDRA [US], et al
- [X] WO 2004112658 A1 20041229 - MEDTRONIC VASCULAR INC [US]
- [X] WO 2008027293 A2 20080306 - EMPHASYS MEDICAL INC [US], et al
- [X] US 2007265658 A1 20071115 - NELSON DALE [US], et al
- [X] US 2010185278 A1 20100722 - SCHANKERELI KEMAL [US]

Citation (examination)

- US 2010094314 A1 20100415 - HERNLUND JONATHAN D [US], et al
- WO 2011151745 A1 20111208 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- See also references of WO 2015006729A2

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