Title (en)

TISSUE GRASPING DEVICES AND RELATED METHODS

Title (de)

GEWEBEGREIFVORRICHTUNGEN UND ZUGEHÖRIGE VERFAHREN

Title (fr)

DISPOSITIFS DE PRÉHENSION DE TISSU ET PROCÉDÉS ASSOCIÉS

Publication

EP 3484375 A4 20200722 (EN)

Application

EP 17828492 A 20170713

Priority

- US 201662361953 P 20160713
- US 2017042003 W 20170713

Abstract (en)

[origin: WO2018013856A1] A clip for immobilizing leaflets of a cardiac or venous valve includes a hub having a pair of tangle resistant spring-biased outer arms coupled to an inferior end of the hub and a pair of tangle resistant spring-biased inner arms adjacent to the outer arms and coupled to a superior end of the hub. A delivery catheter may be used to position the valve clip adjacent a target valve while the outer and inner arms are biased in an opened position relative to each other. After the valve leaflets are located between the opened outer and inner arms, the biasing forces may be released to allow the clip to self-close the clip over the valve leaflets.

IPC 8 full level

A61B 17/00 (2006.01); **A61B 17/02** (2006.01); **A61B 17/04** (2006.01); **A61B 17/06** (2006.01); **A61B 17/072** (2006.01); **A61B 17/08** (2006.01)

CPC (source: EP)

A61B 17/122 (2013.01); **A61B 17/1285** (2013.01); **A61F 2/246** (2013.01); **A61F 2/2466** (2013.01); A61B 2017/003 (2013.01); A61B 2017/00694 (2013.01); A61B 2017/00783 (2013.01); A61B 2017/00849 (2013.01); A61B 2017/22059 (2013.01); A61B 2017/22062 (2013.01); A61B 2090/3735 (2016.02); A61B 2090/3995 (2016.02)

Citation (search report)

[XA] US 2004049207 A1 20040311 - GOLDFARB ERIC A [US], et al

Cited by

US11883290B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

US 2017042003 W 20170713; CN 201780056353 A 20170713; EP 17828492 A 20170713; JP 2019522620 A 20170713; JP 2022001622 A 20220107; JP 2023216469 A 20231222