

Title (en)

TRANSCATHETER ANCHORING ASSEMBLY FOR A MITRAL VALVE, A MITRAL VALVE, AND RELATED METHODS

Title (de)

TRANSKATHETERVERANKERUNGSVORRICHTUNG FÜR MITRALKLAPPE, MITRALKLAPPE UND ZUGEHÖRIGE VERFAHREN

Title (fr)

ENSEMBLE D'ANCRAGE TRANSCATHÉTER POUR UNE VALVULE MITRALE, VALVULE MITRALE ET PROCÉDÉS ASSOCIÉS

Publication

EP 3870114 A4 20221123 (EN)

Application

EP 19875460 A 20191021

Priority

- US 201862748563 P 20181022
- US 2019057145 W 20191021

Abstract (en)

[origin: WO2020086427A1] A medical assembly implanting a transcatheter heart valve in the heart at a valve deployment site and related methods of implantation and delivery. An anchor is endovascularly introduced into the heart and implanted to a cardiac wall with an anchor delivery system and delivery cable. A second delivery system introduces a tether which coupled to the implanted anchor and a transcatheter heart valve. The transcatheter heart valve includes either a top or bottom brim which is positioned to conform to the atrial floor at the deployment site.

IPC 8 full level

A61F 2/24 (2006.01); **A61B 17/00** (2006.01); **A61B 17/064** (2006.01); **A61B 17/068** (2006.01); **A61F 2/95** (2013.01); **A61M 25/10** (2013.01)

CPC (source: EP IL KR)

A61B 17/068 (2013.01 - IL KR); **A61F 2/2409** (2013.01 - IL KR); **A61F 2/2412** (2013.01 - EP IL KR); **A61F 2/2418** (2013.01 - EP IL KR); **A61F 2/2427** (2013.01 - EP IL KR); **A61F 2/2436** (2013.01 - IL KR); **A61F 2/2457** (2013.01 - EP IL KR); **A61F 2/2466** (2013.01 - EP IL KR); **A61B 17/068** (2013.01 - EP); **A61B 2017/00247** (2013.01 - EP IL KR); **A61B 2017/0649** (2013.01 - EP IL KR); **A61F 2/2409** (2013.01 - EP); **A61F 2/2436** (2013.01 - EP); **A61F 2220/0016** (2013.01 - KR)

Citation (search report)

- [XAI] US 2018289474 A1 20181011 - RAJAGOPAL VIVEK [US], et al
- [A] US 2015196393 A1 20150716 - VIDLUND ROBERT [US], et al
- See references of WO 2020086427A1

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)

WO 2020086427 A1 20200430; AR 116799 A1 20210616; AU 2019365775 A1 20210527; BR 112021007597 A2 20210727; CA 3117147 A1 20200430; CN 113164253 A 20210723; EP 3870114 A1 20210901; EP 3870114 A4 20221123; IL 282524 A 20210630; JP 2022132510 A 20220908; JP 2022508943 A 20220119; JP 7193655 B2 20221220; KR 20210087041 A 20210709; SG 11202104072S A 20210528; ZA 202103374 B 20221026

DOCDB simple family (application)

US 2019057145 W 20191021; AR P190103018 A 20191022; AU 2019365775 A 20191021; BR 112021007597 A 20191021; CA 3117147 A 20191021; CN 201980076791 A 20191021; EP 19875460 A 20191021; IL 28252421 A 20210421; JP 2021547044 A 20191021; JP 2022114573 A 20220719; KR 20217014967 A 20191021; SG 11202104072S A 20191021; ZA 202103374 A 20210519