

Title (en)

TISSUE ANCHORS AND PERCUTANEOUS TRICUSPID VALVE REPAIR USING A TISSUE ANCHOR

Title (de)

GEWEBEANKER UND PERKUTANE TRIKUSPIDALKLAPPENREPARATUR UNTER VERWENDUNG EINES GEWEBEANKERS

Title (fr)

ANCRAGES TISSULAIRES ET RÉPARATION DE VALVE TRICUSPIDE PERCUTANÉE UTILISANT UN ANCRAGE TISSULAIRE

Publication

EP 3270794 A1 20180124 (EN)

Application

EP 15715545 A 20150318

Priority

US 2015021346 W 20150318

Abstract (en)

[origin: WO2016148714A1] The present teachings provide devices and methods of treating a tricuspid valve regurgitation. Specifically, one aspect of the present teachings provides devices and methods of identifying a suitable location on the tricuspid annulus, placing a wire across the tricuspid annulus at such an identified location, deploying a tissue anchor across such an identified location, deploying two or more tissue anchors and coupling the tissue anchors with a flexible tensioning member, and applying tension to a flexible tensioning member that is coupled with the two or more tissue anchors, plicating tissues between each pair of the two or more tissue anchors, and reducing the circumference of the tricuspid annulus. As a result, a regurgitation jet is reduced or eliminated.

IPC 8 full level

A61B 17/04 (2006.01); **A61F 2/24** (2006.01)

CPC (source: CN EP)

A61B 17/0401 (2013.01 - CN EP); **A61B 2017/00243** (2013.01 - CN EP); **A61B 2017/00477** (2013.01 - CN EP); **A61B 2017/00783** (2013.01 - CN EP); **A61B 2017/00876** (2013.01 - CN EP); **A61B 2017/0406** (2013.01 - CN EP); **A61B 2017/0409** (2013.01 - CN EP); **A61B 2017/0414** (2013.01 - CN EP); **A61B 2017/0417** (2013.01 - CN EP); **A61B 2017/0419** (2013.01 - CN EP); **A61B 2017/0464** (2013.01 - CN EP); **A61F 2/2445** (2013.01 - CN EP)

Citation (examination)

US 2007080188 A1 20070412 - SPENCE PAUL A [US], et al

Cited by

US11766331B2; US12109110B2

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

Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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