

Title (en)

METHOD AND APPARATUS FOR IMPROVING MITRAL VALVE FUNCTION

Title (de)

VERFAHREN UND GERÄT ZUR VERBESSERUNG DER MITRALKLAPPENFUNKTION

Title (fr)

TECHNIQUE ET APPAREIL PERMETTANT D'AMELIORER LA FONCTION DE LA VALVULE MITRALE

Publication

**EP 1628599 A4 20111228 (EN)**

Application

**EP 04753317 A 20040526**

Priority

- US 2004016472 W 20040526
- US 44647003 A 20030527

Abstract (en)

[origin: WO2004105584A2] A method and apparatus for reducing mitral regurgitation. The apparatus is inserted into the coronary sinus of a patient in the vicinity of the posterior leaflet of the mitral valve, the apparatus being adapted to straighten the natural curvature of at least a portion of the coronary sinus in the vicinity of the posterior leaflet of the mitral valve, whereby to move the posterior annulus anteriorly and thereby improve leaflet coaptation and reduce mitral regurgitation.

IPC 8 full level

**A61F 2/06** (2013.01); **A61F 2/24** (2006.01)

IPC 8 main group level

**A61B** (2006.01)

CPC (source: EP)

**A61F 2/2451** (2013.01)

Citation (search report)

- [X] WO 03015611 A2 20030227 - VIACOR INC [US]
- [XI] WO 02087481 A1 20021107 - MYOMEND INC [US], et al
- [X] US 6210432 B1 20010403 - SOLEM JAN OTTO [SE], et al
- [XP] WO 03077800 A1 20030925 - CARDIAC DIMENSIONS INC [US], et al
- See references of WO 2004105584A2

Cited by

US11766331B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2004105584 A2 20041209; WO 2004105584 A3 20050526**; AU 2004243029 A1 20041209; AU 2004243029 B2 20091203; AU 2010200752 A1 20100318; CA 2526110 A1 20041209; CN 1829485 A 20060906; CN 1829485 B 20120321; EP 1628599 A2 20060301; EP 1628599 A4 20111228; JP 2007503287 A 20070222; JP 4456605 B2 20100428

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**US 2004016472 W 20040526**; AU 2004243029 A 20040526; AU 2010200752 A 20100301; CA 2526110 A 20040526; CN 200480021525 A 20040526; EP 04753317 A 20040526; JP 2006533411 A 20040526