

Title (en)

A SYSTEM AND METHOD FOR MANAGING DETRIMENTAL CARDIAC REMODELING

Title (de)

SYSTEM UND VERFAHREN ZUR KONTROLLE NACHTEILIGER HERZ-REMODELLIERUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE GESTION DE REMODÉLISATION CARDIAQUE NOCIVE

Publication

EP 1753501 A4 20080123 (EN)

Application

EP 05756496 A 20050531

Priority

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- US 57512104 P 20040528

Abstract (en)

[origin: WO2005118062A2] A system and method for managing and inhibiting cardiac remodeling in MI patients. Bi-ventricular stimulation is constantly provided with and without sensing to encourage normal pumping of the heart on a consistent basis. Pulses are administered using an anodal pulse followed by a cathodal pulse to stimulate cardiac muscle contraction. Stem cells are administered to MI areas to encourage regeneration of cardiac tissue in the damaged area. Stimulation may be provide to both healthy and compromised cardiac tissue.

IPC 8 full level

A61N 1/00 (2006.01); **A61N 1/36** (2006.01); **A61N 1/362** (2006.01); **A61N 1/368** (2006.01)

CPC (source: EP KR US)

A61N 1/3627 (2013.01 - EP KR US); **A61N 1/36592** (2013.01 - KR); **A61N 1/3684** (2013.01 - KR); **A61N 1/36842** (2017.07 - EP US); **A61N 1/36843** (2017.07 - EP US)

Citation (search report)

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- [A] US 2004054381 A1 20040318 - PASTORE JOSEPH M [US], et al
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- See references of WO 2005118062A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 2005019089 W 20050531; AU 2005250010 A 20050531; CA 2566578 A 20050531; CN 200580025177 A 20050531; EP 05756496 A 20050531; IL 17964906 A 20061128; JP 2007515490 A 20050531; KR 20067027594 A 20061228; MX PA06013845 A 20050531