

Title (en)  
METHOD AND APPARATUS FOR CARDIAC RESUSCITATION

Title (de)  
VERFAHREN UND GERÄT FÜR DIE HERZWIEDERBELEBUNG

Title (fr)  
PROCEDE ET APPAREIL POUR REANIMATION CARDIAQUE

Publication  
**EP 1667767 A1 20060614 (EN)**

Application  
**EP 04781603 A 20040820**

Priority  
• US 2004026946 W 20040820  
• US 64664103 A 20030822

Abstract (en)  
[origin: WO2005021089A1] A method for resuscitating the heart during a sustained episode of ventricular fibrillation, fine ventricular fibrillation, or asystole is provided, which includes delivering circulatory support for an interval of time effective in alleviating myocardial hypoxia, and delivering a series of electrical pulses for evoking a series of myocardial depolarizations after the interval of circulatory support. The method may be implemented in conjunction with an external or implantable cardiac electrical stimulation device and associated electrodes capable of delivering a series of pacing-class or defibrillation class pulses. Circulatory support may be delivered manually, e.g., in the form of cardiopulmonary resuscitation (CPR), or mechanized, e.g., in the form of extracorporeal membrane oxygenation, activation of an implantable ventricular assist device, or automated CPR equipment and the like.

IPC 1-7  
**A61N 1/362**; **A61N 1/39**; **A61H 31/00**

IPC 8 full level  
**A61H 31/00** (2006.01); **A61N 1/362** (2006.01); **A61N 1/39** (2006.01)

CPC (source: EP US)  
**A61H 31/005** (2013.01 - EP US); **A61H 31/006** (2013.01 - EP); **A61M 16/00** (2013.01 - EP); **A61N 1/3621** (2013.01 - EP);  
**A61N 1/39044** (2017.07 - EP US); **A61N 1/39622** (2017.07 - EP US); **A61H 2201/5007** (2013.01 - EP); **A61H 2230/04** (2013.01 - EP)

Citation (search report)  
See references of WO 2005021089A1

Cited by  
US11179293B2; US11723835B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005021089 A1 20050310**; CA 2536194 A1 20050310; EP 1667767 A1 20060614; IL 173772 A0 20060705; JP 2007503257 A 20070222

DOCDB simple family (application)  
**US 2004026946 W 20040820**; CA 2536194 A 20040820; EP 04781603 A 20040820; IL 17377206 A 20060216; JP 2006524732 A 20040820