

Title (en)

CARDIAC ABLATION DEVICES AND METHODS

Title (de)

HERZABLATIONSVORRICHTUNGEN UND VERFAHREN

Title (fr)

DISPOSITIFS ET PROCEDES D'ABLATION CARDIAQUE

Publication

**EP 1689285 A4 20080102 (EN)**

Application

**EP 04810889 A 20041112**

Priority

- US 2004037893 W 20041112
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Abstract (en)

[origin: WO2005046456A2] Devices and methods provide for ablation of cardiac tissue for treating cardiac arrhythmias such as atrial fibrillation. Although the devices and methods are often be used to ablate epicardial tissue in the vicinity of at least one pulmonary vein, various embodiments may be used to ablate other cardiac tissues in other locations on a heart. Devices generally include at least one tissue contacting member for contacting epicardial tissue and securing the ablation device to the epicardial tissue, and at least one ablation member for ablating the tissue. Various embodiments include features, such as suction apertures, which enable the device to attach to the epicardial surface with sufficient strength to allow the tissue to be stabilized via the device. For example, some embodiments may be used to stabilize a beating heart to enable a beating heart ablation procedure. Many of the devices may be introduced into a patient via minimally invasive introducer devices and the like. Although devices and methods of the invention may be used to ablate epicardial tissue to treat atrial fibrillation, they may also be used in veterinary or research contexts, to treat various heart conditions other than atrial fibrillation and/or to ablate cardiac tissue other than the epicardium.

IPC 8 full level

**A61B 18/18** (2006.01); **A61B 18/14** (2006.01)

IPC 8 main group level

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Citation (search report)

- [X] US 2003120268 A1 20030626 - BERTOLERO ART [US], et al
- See references of WO 2005046456A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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