

Title (en)
APPARATUS FOR CARDIAC ABLATION

Title (de)
KARDIOLOGISCHE VORRICHTUNG ZUR FLÄCHENHAFTEN DARSTELLUNG UND ABLATION

Title (fr)
APPAREIL D'ABLATION CARDIAQUE

Publication
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Application
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Priority
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Abstract (en)
[origin: WO9632885A1] A system and method for cardiac mapping and ablation include a multi-electrode catheter introduced percutaneously into a subject's heart and deployable adjacent to various endocardial sites. The electrodes are connectable to a mapping unit, an ablation power unit, a pacing unit, all of which are under computer control. Intracardiac electrogram signals emanated from a tachycardia site of origin are detectable by the electrodes. Their arrival times are processed to generate various visual maps to provide real-time guidance for steering the catheter to the tachycardia site of origin. In another aspect, the system also includes a physical imaging system which is capable of providing different imaged physical views of the catheter and the heart. These physical views are incorporated into the various visual maps to provide a more physical representation. Once the electrodes are on top of the tachycardia site of origin, electrical energy is supplied by the ablation power unit to effect ablation.

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