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(54) Title: ABLATION SYSTEM WITH FEEDBACK

(57) Abstract: Devices, systems and methods are disclosed for the ablation of tissue and treatment of cardiac arrhythmia. An ablation system includes an ablation catheter that has an array of ablation elements and a location element, an esophageal probe also including a location element, and an interface unit that provides energy to the ablation catheter. The distance between the location elements, determined by calculating means of the system, can be used by the system to set or modify one or more system parameters.

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# INTERNATIONAL SEARCH REPORT

International application No.

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC: <b>A61B 18/18</b> ( 2006.01) <b>A61B 8/00</b> ( 2006.01)  USPC:        606/41 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>  Minimum documentation searched (classification system followed by classification symbols) U.S. : 606/41  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,004,269 A (CROWLEY et al) 21 December 1999, Figure 33	46-48
Y	US 3,951,136 A (WALL) 20 April 1976, whole document	46-48
A	US 6,740,080 B2 (JAIN et al) 25 May 2004, whole document	1-56
A,P	US 2005/0187545 A1 (HOOVEN et al), 25 August 2005, whole document	1-56
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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"O" document referring to an oral disclosure, use, exhibition or other means		
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