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### **PCT**

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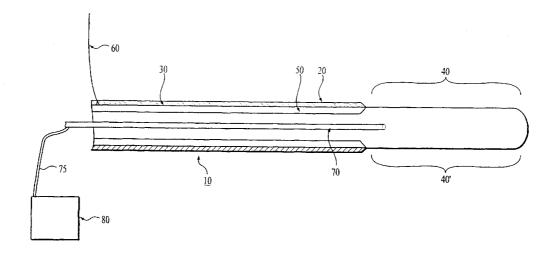
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(54) Title: COMBINED ELECTROSURGICAL-CRYOSURGICAL INSTRUMENT



(57) Abstract: The present invention is directed towards a combined electrosurgical-cryosurgical instrument (10) for tissue ablation. The instrument comprises a shaft (30) having a proximal end and a distal end, the distal end being electrically and thermally conductive; a radiofrequency insulation sheath (20) surrounding the outer surface of the shaft; a cryo-insulation sheath (50) surrounding a surface of the shaft; a radiofrequency power supply source (60); a cryogen supply tube (70) within the shaft (30); and a cryogen supply source (80) connected to the cryogen supply tube. The power source (60) provides electrical energy to the distal end of the shaft (30), and the cryogen supply tube (70) provides a cryogen to the distal end of the shaft (30).



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### INTERNATIONAL SEARCH REPORT

Interr onal Application No PC1/US 01/08129

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European Patent Office. P. B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040. Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Hansen, S		NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040. Tx. 31 651 epo nl,	Hansen, S							

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