

[54] BIPOLAR ELECTROSURGICAL KNIFE

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[57] ABSTRACT

An electrosurgical instrument comprising a handle which holds a blade assembly comprising a plurality of electrodes and insulation members positioned between the electrodes.

The blade assembly comprises a center electrode of specified thickness, insulation members secured to the center electrode and a plurality of side electrodes secured to the insulation members. The center electrode and insulation members are cut to form a cutting edge having a composite angle of less than 120° thus allowing easier electrosurgical performance.

The electrodes are connected inside the nonconductive handle to a circuit whose output consists of a high frequency electrical current which forms a circuit through tissue intervening between and in contact with the electrodes when the instrument is used.

17 Claims, 12 Drawing Figures

