

Title (en)

METHODS AND DEVICES FOR IMPROVING BLOOD FLOW TO THE HEART OF A PATIENT

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUM VERBESSERN DER BLUTSTRÖMUNG ZUM HERZEN EINES PATIENTEN

Title (fr)

PROCEDES ET DISPOSITIFS PERMETTANT D'AMELIORER LE FLUX SANGUIN JUSQU'AU COEUR D'UN PATIENT

Publication

**EP 0932365 A1 19990804 (EN)**

Application

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Abstract (en)

[origin: WO9816157A1] The present invention relates to devices and methods for improving blood flow to the heart of a patient. One device includes a transducer assembly (36) disposed in a housing. An end effector (40) is operatively coupled to the transducer assembly (36) and includes a channel-forming member. The channel-forming member is capable of creating channels in the heart of a patient. A method of improving the blood flow to the heart of a patient is also provided. The method includes the steps of providing a surgical device having an end effector (40), energizing the surgical device to cause the end effector (40) to vibrate, contacting the end effector (40) with a ventricular wall of the heart, advancing the end effector (40) into the ventricle wall, and creating a channel in the ventricle wall with the end effector (40).

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