

Title (en)

ANGIOPLASTY CATHETER USED TO EXPAND AND/OR OPEN UP BLOOD VESSELS

Title (de)

ANGIOPLASTIE-KATHETER ZUM ERWEITERN UND/ODER ERÖFFNEN VON BLUTGEFÄSSEN

Title (fr)

CATHETER POUR ANGIOPLASTIE UTILISE POUR ELARGIR ET/OU OUVRIR DES VAISSEAUX SANGUINS

Publication

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Application

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Abstract (en)

[origin: WO9624297A1] The invention pertains to an angioplasty catheter for expanding and/or opening up morbidly constricted or obstructed blood vessels, comprising at least one rotor (3) that is rotatively mounted in a cylindrical housing (4) at the distal end of the catheter, is connected to a rotational actuator (2) and is guided in the axial and/or radial direction along a preset path of motion (5), where as a result of the guided motion, the turning rotor (3) mechanically generates endogenous sound waves, especially sound waves in the ultrasound range, and induces a corresponding motion of the housing (4).

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