

Title (en)

MAGNETIC NAVIGATION OF MEDICAL DEVICES IN MAGNETIC FIELDS

Title (de)

MAGNETNAVIGATION VON MEDIZINPRODUKTEN IN MAGNETFELDERN

Title (fr)

NAVIGATION MAGNETIQUE DE DISPOSITIFS MEDICAUX DANS DES CHAMPS MAGNETIQUES

Publication

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Application

EP 04796484 A 20041026

Priority

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- US 51515403 P 20031027

Abstract (en)

[origin: WO2005044081A2] A method of turning a medical device with the assistance of an externally applied magnetic field, in a direction with a component in a plane perpendicular to the direction of the externally applied magnetic field. The method includes applying a first torque to the distal end of the medical device by creating a magnetic moment at the distal end of the medical device, and applying a second torque to the distal end of the medical device. The second torque may be created by creating a second magnetic moment in the distal portion of the device spaced from the first, by using an electrostrictive device, by using a stylette inserted into the device, by using a fluid-driven shaped tube, or otherwise.

IPC 8 full level

A61B 19/00 (2006.01)

IPC 8 main group level

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