

Title (en)

A CATHETER WITH ELECTROMAGNETIC POSITION SENSORS AND A LOCATION SYSTEM FOR CATHETERS AND GUIDE WIRES

Title (de)

KATHETER MIT ELEKTROMAGNETISCHEN POSITIONSSSENSOREN UND ORTUNGSSYSTEM FÜR KATHETER SOWIE FÜHRUNGSDRÄHTE

Title (fr)

CATHÉTER À CAPTEURS DE POSITION ÉLECTROMAGNÉTIQUES, SYSTÈME DE LOCALISATION, CATHÉTERS, ET FILS DE GUIDAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2012150567A1] Catheter (1) comprising a tubular body (3) to be introduced into a body cavity, and a plurality of electromagnetic position sensors (17, 19), each of which is positioned on a respective one of said catheter segments (7, 9), and is designed to generate, in response to an externally generated magnetic field, an electrical signal representative of the position and orientation of the respective catheter segment. Each of said electromagnetic position sensors has a substantially needle-shaped body having a longitudinal axis placed parallel to the longitudinal axis of the respective catheter segment, and is located at the wall of the respective catheter segment, eccentrically with respect to the longitudinal axis thereof.

IPC 8 full level

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