

Title (en)

CATHETER WITH MICROCHANNELS FOR MONITORING THE CONCENTRATION OF AN ANALYTE IN A BODILY FLUID

Title (de)

KATHETER MIT MIKROKANÄLEN FÜR DIE ÜBERWACHUNG DER KONZENTRATION EINES ANALYTEN IN EINER KÖRPERFLÜSSIGKEIT

Title (fr)

CATHETER POURVU DE MICROCANAUX SERVANT A SURVEILLER LA CONCENTRATION D'UN ANALYTE DANS UN LIQUIDE ORGANIQUE

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Application

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Abstract (en)

[origin: WO2006087236A1] The invention relates to a catheter for monitoring the concentration of an analyte in a bodily fluid, with an implantable distal region (7) for taking up bodily fluids and a proximal region (8) with a discharge opening (14). The catheter has a catheter sheath (1) with micro-openings that are permeable to at least some of the bodily fluid and hold back at least some of the corpuscular components, and a catheter core (2) inside the catheter sheath. Preferably there is microstructuring on the peripheral surface of the catheter core and/or on the inner wall of the catheter sheath, creating a space between the catheter core and the catheter sheath. The invention also relates to a method for producing such a catheter.

IPC 8 full level

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