

Title (en)
ANTIBACTERIAL MEDICAL DEVICES

Title (de)
ANTIBAKTERIELLE MEDIZINISCHE VORRICHTUNGEN

Title (fr)
DISPOSITIFS MEDICAUX ANTIBACTERIENS

Publication
EP 1007149 A1 20000614 (EN)

Application
EP 98900581 A 19980112

Priority
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• GB 9700875 A 19970116

Abstract (en)
[origin: WO9831420A1] A catheter or other invasive/implant device (40) intended for relatively long term use, of the order of a day or more, in a patient's body is provided with an electric field generator to generate bactericidal H₂O₂ on and adjacent the device/body interface from available oxygen and water at a carbon cathode (48) connected in an electrical circuit (47, 50, 51). The field is preferably unidirectionally negative and also continuous and constant, but pulsatile, alternating and other field forms are possible. A surgical dressing may operate on the same principle.

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A61N 1/20; **A61N 1/32**

IPC 8 full level
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