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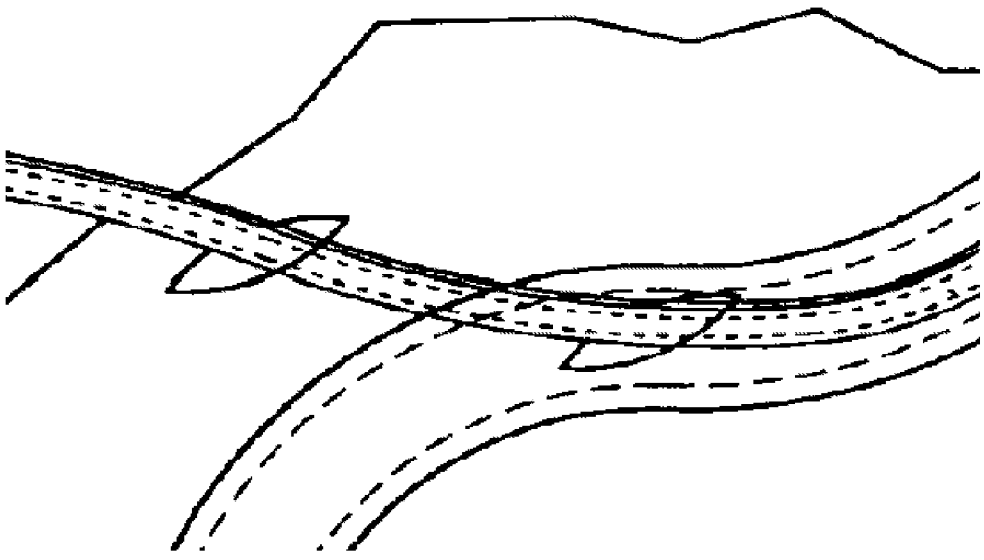
(54) Title: INTRAVASCULAR, INTERSTITIAL OR INTRAORGAN MEDICAL ACCESS DEVICE, AND MANUFACTURING METHOD THEREOF, INVOLVING NITRIC OXIDE



(57) Abstract: A intravascular, interstitial or intraorgan medical device, and a manufacturing process of said medical device, is provided that allows for prevention of infection and obtainment of anti-thrombotic effect. The medical device comprises a nitric oxide (NO) eluting polymer arranged adjacent mammal tissue, such that a therapeutic dose of nitric oxide is eluted from said nitric oxide eluting polymer to said mammal tissue. The nitric oxide (NO) eluting polymer is integrated with a carrier material, such that said carrier material, in use, regulates and controls the elution of said therapeutic dosage of nitric oxide (NO) . Furthermore, a manufacturing method for said device is disclosed.

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