

Title (en)
RADIOPAQUE COATING FOR BIOMEDICAL DEVICES

Title (de)
STRAHLENDICHTE BESCHICHTUNG FÜR BIOMEDIZINISCHE VORRICHTUNGEN

Title (fr)
REJETEMENT RADIOPAQUE POUR DISPOSITIFS BIOMEDICAUX

Publication
EP 1791667 A4 20110817 (EN)

Application
EP 05726079 A 20050323

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Abstract (en)
[origin: WO2005094486A2] A medical device has a porous radiopaque coating that can withstand the high strains inherent in the use of such devices without delamination. A coating of Ta is applied to a medical device, such as a stent, by vapor deposition so that the thermomechanical properties of the stent are not adversely affected. The coating preferable has high emissivity.

IPC 8 full level
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Citation (search report)

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- [E] WO 2005072189 A2 20050811 - ISOFLUX INC [US], et al
- [YD] US 6174329 B1 20010116 - CALLOL JOSEPH R [US], et al
- [Y] MATSON ET AL: "Properties of thick sputtered Ta used for protective gun tube coatings", SURFACE AND COATINGS TECHNOLOGY,, vol. 146-147, 1 January 2001 (2001-01-01), pages 344 - 350, XP008115569, DOI: 10.1016/S0257-8972(01)01402-5
- See references of WO 2005094486A2

Designated contracting state (EPC)
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