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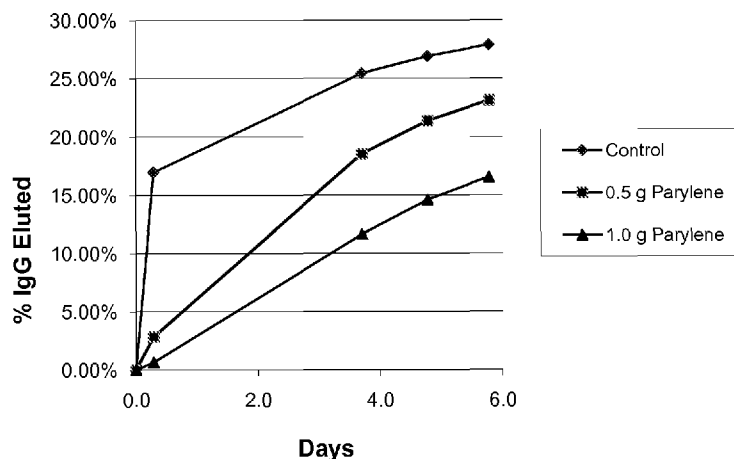
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(54) Title: MULTI-LAYERED COATINGS AND METHODS FOR CONTROLLING ELUTION OF ACTIVE AGENTS



(57) Abstract: Embodiments of the invention include multi-layered coatings for controlling the elution rates of active agents and methods. In an embodiment, the invention includes a method of applying an elution control coating to a substrate. The method can include depositing a coating solution onto the substrate to form a base layer. The method can also include selecting a desired concentration of the solvent based on a desired elution rate. The method can further include removing solvent from the base layer to reach a desired concentration of the solvent and depositing a layer of parylene on the base layer. In an embodiment, the invention can include a medical device including a substrate, a base layer, and a porous layer. The base layer can include a polymeric matrix and an active agent dispersed within the polymeric matrix. The porous layer can include parylene. Other embodiments are also included herein.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/281858 A1 (KLOKE TIM M [US] ET AL) 22 December 2005 (2005-12-22) page 1, paragraph 9 - paragraph 10 page 2, paragraph 32 - paragraph 35 page 7, paragraph 88 - paragraph 90 page 8, paragraph 105 examples 1-5 claims 1-23	1-20
X	US 2003/040790 A1 (FURST JOSEPH G [US]) 27 February 2003 (2003-02-27) page 3, paragraph 11 - paragraph 12 page 11, paragraph 32 - paragraph 33 page 14, paragraph 38 claims 1-67 ----- -/--	1-20

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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