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(54) **Title:** DRUG-ELUTING ENDOPROSTHESIS

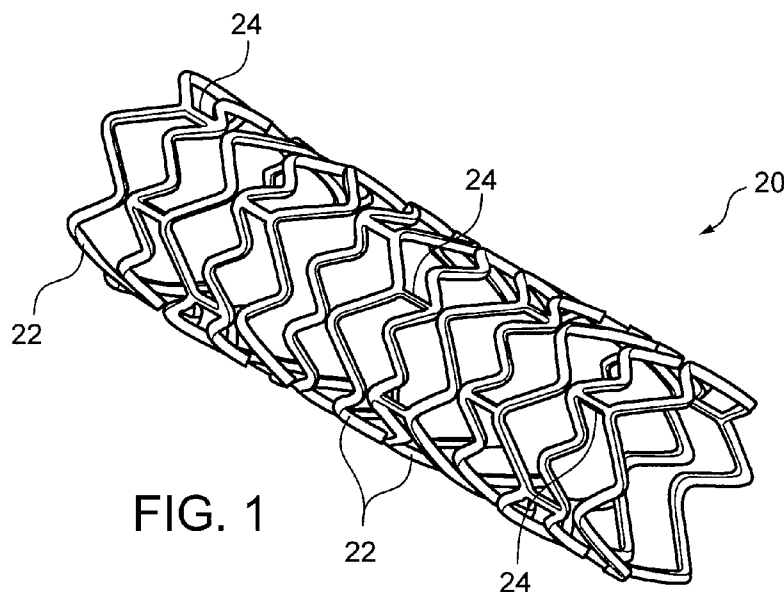


FIG. 1

(57) **Abstract:** A drug-eluting endoprosthesis that includes a bioerodible metal portion and a therapeutic agent. In some aspects, the endoprosthesis includes a plurality of discrete deposits and a plurality of overlying layers each overlying one of the plurality of discrete deposits. Each discrete deposit includes one or more therapeutic agents and each overlying layer includes one or more bioerodible metals. In other aspects, the bioerodible metal portion includes at least two bioerodible metal regions having different electronegativities. The at least two bioerodible metal regions being in electrical contact with each other. The bioerodible metal erodes in a physiological environment to release the therapeutic agent.



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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/108065 A2 (ELIXIR MEDICAL CORP [US]; CRYER BRETT [US]; BHAT VINAYAK D [US]; YAN J) 12 October 2006 (2006-10-12) paragraph [0022] paragraphs [0113] - [0116] paragraphs [0124] - [0125]	1-34
X,P	WO 2008/118606 A2 (MEDTRONIC VASCULAR INC [US]; DOTY DAVID [US]; KRIVORUCHKO MICHAEL [US]) 2 October 2008 (2008-10-02) paragraphs [0010] - [0013]	1-2,7, 11-12
X,P	WO 2008/106271 A2 (MEDTRONIC VASCULAR INC [US]; YU ERIC [US]; MITCHELL JAMES E [US]) 4 September 2008 (2008-09-04) paragraph [0008] paragraph [0021] paragraph [0029] paragraphs [0038] - [0040]	1-3,5,7, 9,11-12

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