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[Continued on next page]

(54) Title: INTRAPERICARDIAL DELIVERY OF PERIOSTIN

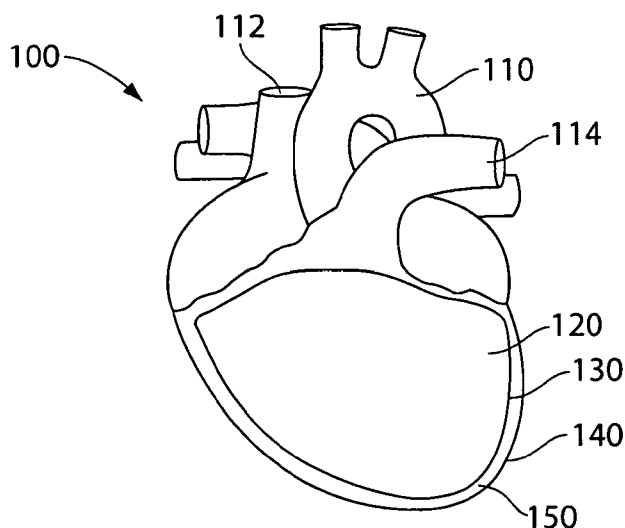


Fig. 1

(57) Abstract: Compositions and methods for delivery of periostin or fragments or variants thereof to or near the pericardial space are provided. In some embodiments, a sustained release vehicle is used to deliver periostin or fragments or variants thereof in a controlled manner to treat the heart of a subject. The sustained release vehicle may be, for example, a hydrogel particle. In certain embodiments, compositions and methods are provided for inhibiting formation of tissue adhesions within the pericardial space.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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USPC - 424/426; 424/423; 424/93.7; 514/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8)-A61K 9/00; A61K 45/00; A61K 38/16 (2010.01)

USPC-424/426; 424/423; 424/93.7; 514/12

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

IPC(8)-A61K 9/00; A61K 45/00; A61K 38/16 (2010.01)

USPC-424/426; 424/423; 424/93.7; 514/12 (keyword delimited)

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

PubWEST(PGPB,USPT,USOC,EPAB,JPAB); Google Patents; Google Scholar

periostin, fascicil 1, fas1, pericardium, pericardial, bead, microsphere, particle, susutained, controlled, release, adhesions, scar, fibrosis, cardiomyocyte, proliferation, regeneration, biodegradable, injection, collagen, gelatin, polymer,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2008/091867 A2 (KUNN) 31 July 2008 (31.06.2008), pg 1 ln 15-25; pg 2 ln 15-30; pg 3 ln 5-30; pg 24 ln 34, pg 25 ln 1	1-33
Y	WO 2000/044443 A2 (HUNTER et al.) 03 August 2000 (03.08.2000), pg 4, ln 25-pg 5, ln 3; pg 16, ln 26-30; pg 23, ln 18-pg 24, ln 1	1-22, 29-31
Y	WO 2000/016848 A1 (CAFFERATA) 30 March 2000 (30.03.2000), pg 14, ln 27-33; pg 22, ln 29-33	8, 17-33
Y	US 2007/0287683 A1 (SHRIVER et al.) 13 December 2007 (13.12.2007), para [0008], [0130], [0373], [0374]	1-33

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