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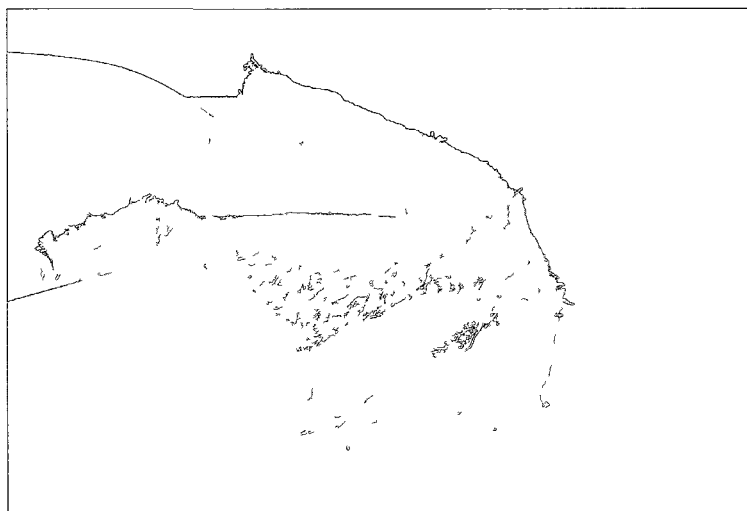
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(57) **Abstract:** A conformable structured therapeutic dressing (120) has maximum available surface area (102) of a therapeutic agent (122) to stimulate therapeutic response in wounded tissue of a mammalian subject. In preferred embodiments, the therapeutic agent includes a procoagulant to quickly arrest bleeding and prevent life-threatening blood loss. The wound dressing exhibits a structured adsorbent (104) that maximizes available surface area of a functional filler (72). This is achieved with a minimal amount of binder (82) and small, porous particles of the functional filler. Minimizing the binder maximizes the amount of functional filler and reduces the chance that the binder will block access to the surface area of the functional filler. Porous particles have a large internal surface area. Structured adsorbents with higher surface areas, higher inter- and intra-fiber porosities, and low internal mass transfer resistances produce higher rates of mass transfer of an adsorbent onto the functional filler.



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B FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(8) - A61L 15/4 4 (2008.01) USPC - 602/48 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched 602/46 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(USPT,PGPB,EPAB,JPAB); Google Scholar Search Terms Used: chitosan, silica, wound dressing, bandage, polyethylene, alcohol, porous fiber, inter fiber porosity, intra fiber porosity		
C DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/0241436 A1 (HSIEH et al.) 02 December 2004 (02.12.2004) Entire document, especially para[0002], para[0043-0045], para[0055-0058] and para[0116].	1-58
Y	US 2006/0034935 A1 (PRONOVOST et al.) 16 February 2006 (16.02 2006) Entire document, especially para[0021-0024] and para[0032-0035].	1-29, 32-35, 38, 42, 43, 48, 57 and 58
Y	US 2004/0243043 A1 (MCCARTHY et al.) 02 December 2004 (02.12.2004) Entire document, especially para[0020], para[0033-0035], para[0105] and para[0116].	4-16, 18, 21, 22 and 30-56
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