



- (51) International Patent Classification:
A61M 31/00 (2006.01)
- (21) International Application Number:
PCT/US2010/049367
- (22) International Filing Date:
17 September 2010 (17.09.2010)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
12/563,876 21 September 2009 (21.09.2009) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

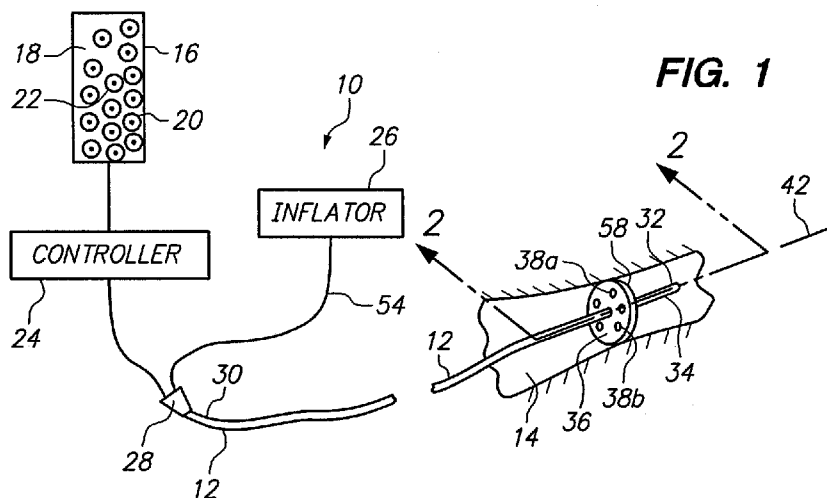
Published:

— with international search report (Art. 21(3))

(88) Date of publication of the international search report:

25 July 2013

(54) Title: BIOLOGICS INFUSION SYSTEM



(57) Abstract: A system for moving particles suspended in a first fluid, and for infusing them into the stream of a second fluid, includes a catheter with a multi-lumen distal tip. The tip is formed with a plurality of parallel lumens, wherein each lumen has a predetermined diameter. Importantly, the diameter of each lumen is dimensioned to sequentially receive particles therethrough, to prevent the particles from flocculating before they enter the stream of the second fluid. A valve, affixed to the outside of the catheter, can be provided to regulate flow of the second fluid and thereby facilitate entry of the particles into the stream of the second fluid.

WO 2011/035182 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2010/049367

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61M 31/00 (2010.01) USPC - 604/509 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) - A61F 2/00, 2/06; A61M 29/00, 31/00 (2010.01) USPC - 604/96.01, 103.06, 508, 509, 510, 522 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 practicable, search terms used) PatBase		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2008/057370 A2 (GILLIES et al) 15 May 2008 (15.05.2008) entire document	1-20
Y	US 6,319,248 B1 (NAHON) 20 November 2001 (20.11.2001) entire document	1-20
Y	US 6,394,978 B1 (BOYLE et al) 28 May 2002 (28.05.2002) entire document	2-6, 10-20
Y	US 2006/0030814 A1 (VALENCIA et al) 09 February 2006 (09.02.2006) entire document	3-6, 12-14, 19
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Date of the actual completion of the international search		Date of mailing of the international search report
21 October 2010		04 NOV 2010
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774