20020235722

23 JUN 2003

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

*162162*

(43) International Publication Date
6 June 2002 (06.06.2002)

PCT

(10) International Publication Number
WO 02/43792 A1

(51) International Patent Classification[7]: A61M 1/16

(21) International Application Number: PCT/GB01/05288

(22) International Filing Date:
28 November 2001 (28.11.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

| | | |
|---|---|---|
| 0028987.6 | 28 November 2000 (28.11.2000) | GB |
| 0122757.8 | 21 September 2001 (21.09.2001) | GB |

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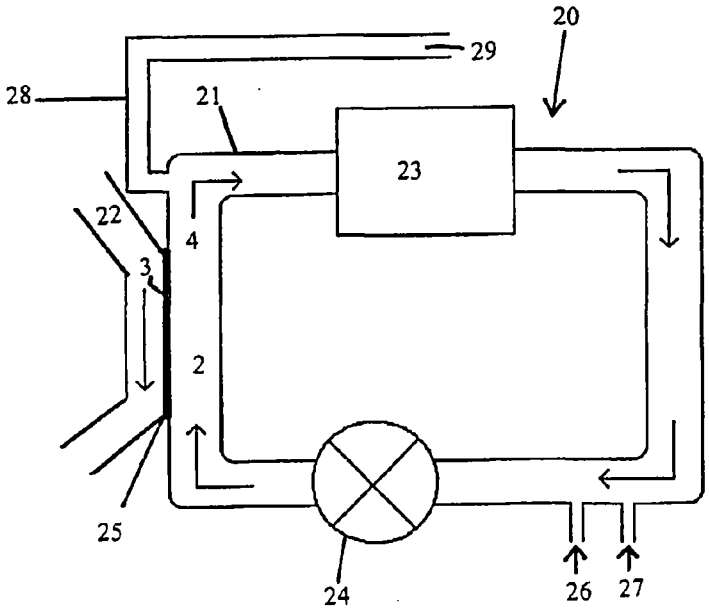
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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent

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(54) Title: GAS EXCHANGE




(57) Abstract: A method and apparatus (20) for maintaining a gas in a predetermined pressure range during a gas exchange process. The apparatus (20) includes a first conduit (21) having a gaspermeable membrane wall portion (25), atleast one inlet port (26) for introdusing a first gas into the apparatus, and a reservoir (28) arranged to contain the first gas. The method and apparatus are particularly suitable for oxigenating an extracorporeal flow of blood.

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