20000 2035-4
Reference

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A61B 5/026, A61M 16/04

A1

(11) International Publication Number: WO 98/18383

(43) International Publication Date: 7 May 1998 (07.05.98)

(21) International Application Number: PCT/AU97/00717

(22) International Filing Date: 24 October 1997 (24.10.97)

(30) Priority Data:
PO 3223 25 October 1996 (25.10.96) AU

(71)(72) Applicant and Inventor: ROBINSON, Gavin, Joseph, Brian [AU/AU]; 2 Highbury Road, Burwood, VIC 3125 (AU).

(74) Agents: SLATTERY, John, Michael et al.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: A METHOD AND APPARATUS FOR MEASURING PULMONARY BLOOD FLOW BY PULMONARY EXCHANGE OF OXYGEN AND AN INERT GAS WITH THE BLOOD

(57) Abstract

The invention relates to a method and apparatus for determining pulmonary blood flow in a subject which utilises a divided airway, such that isolated divisions of the respiratory system which together make up the whole of the gas exchanging part of the respiratory system are ventilated with different gas mixtures. The invention also provides a triple lumen cuffed endobronchial catheter useful in measuring pulmonary blood flow.

