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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
17 March 2005 (17.03.2005)

PCT

(10) International Publication Number
WO 2005/023350 A1

(51) International Patent Classification[7]: A61M 16/04

(21) International Application Number:
PCT/EP2004/009259

(22) International Filing Date: 18 August 2004 (18.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/659,455 10 September 2003 (10.09.2003) US

(71) Applicant and
(72) Inventor: **BRAIN, Archibald Ian Jeremy** [GB/BE]; Chaussée de Bruxelles 569, Frasnes-lez-Gosselies, B-6210 Les Bons Villers (BE).

(74) Agents: **JACOB, Reuben, E.** et al.; R G C Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

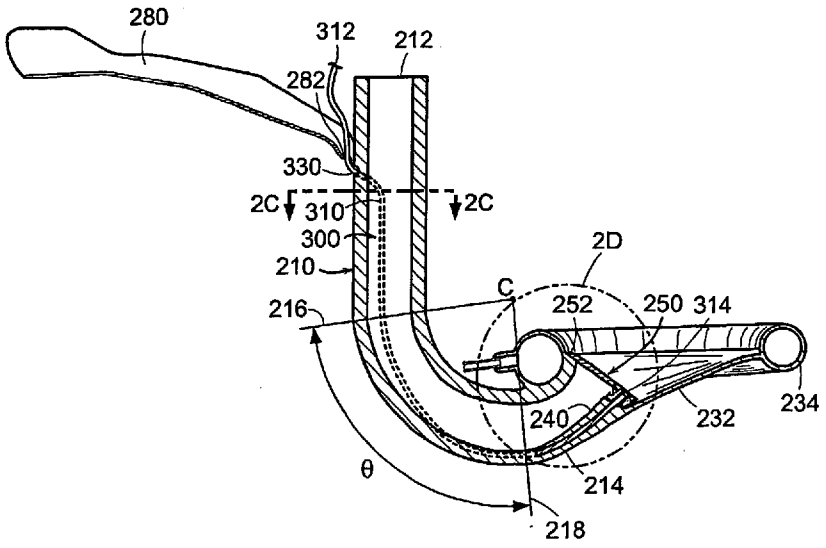
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,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

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LARYNGEAL MASK AIRWAY DEVICE WITH FIBER OPTIC ASSEMBLY



(57) Abstract: A laryngeal mask airway device (200) comprising an airway tube (210) extending from a proximal end to a distal end (214), the airway tube (210) definingan internal passage (215) capable of receiving an endotracheal tube (195) therein, a mask portion (230) including an inflattable cuff (234) and defining an opening in fluid communication with the internal passage (215), the mask portion (230) being insertable through a mouth of a patient to an inserted location within the patient, the cuff (234) being adapted to surround a glottic opening of the patient when inflated and when the mask portion (230) is at the inserted location, and a fibre optic viewing device (300) having a distal end (314) and a proximal end (312), the distal end (314) of the fibre optic viewing device (300) being disposed adjacent the distal end (214) of the airway tube (210) to provide a remote view to a user.

WO 2005/023350 A1