2004 055232

29 SEP 2004

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

(19) World Intellectual Property Organization
International Bureau

162162

(43) International Publication Date
9 October 2003 (09.10.2003)

PCT

(10) International Publication Number
WO 03/082378 A1

(51) International Patent Classification[7]: A61M 1/06

(21) International Application Number: PCT/CH03/00214

(22) International Filing Date: 2 April 2003 (02.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/114,686 2 April 2002 (02.04.2002) US

(71) Applicant *(for all designated States except US)*: **MEDELA HOLDING AG** [CH/CH]; Lättichstrasse 4b, CH-6340 Baar (CH).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **GRETER, Andy** [CH/CH]; Guntenbühl 8, CH-6312 Steinhausen (CH). **LARSSON, Michael** [CH/CH]; Guggiweg 7, CH-6300 Zug (CH).

(74) Agent: **CLERC, Natalia**; Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zürich (CH).

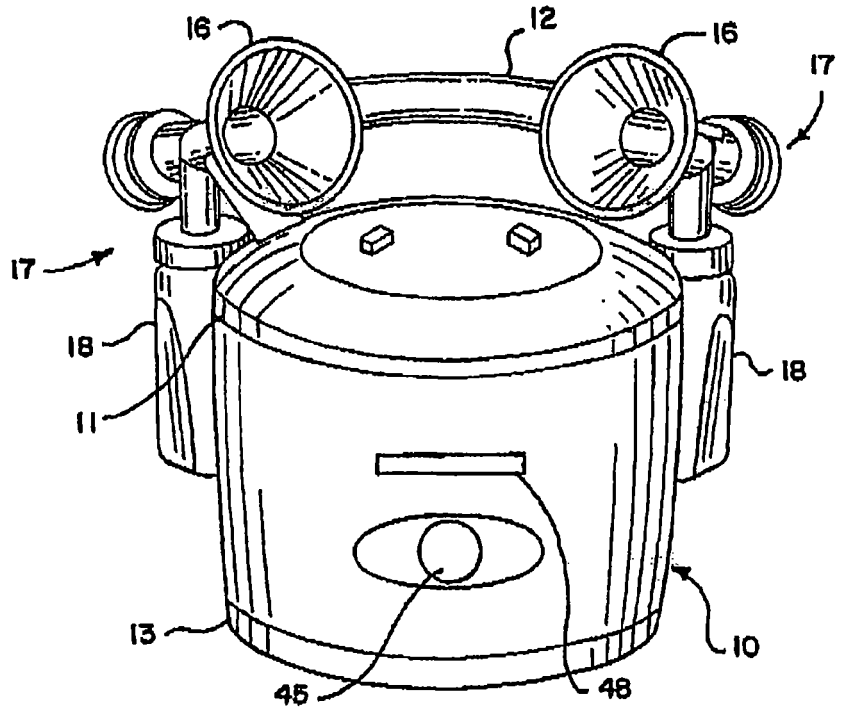
(81) Designated States *(national)*: AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, 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, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (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: SUCTION SEQUENCES FOR A BREASTPUMP



(57) Abstract: A breastpump is provided with one or more navel suction sequences which are considered to produce advantageous particularized results. Such sequences include a suction method for increased milk production and an improved suction method in general.

WO 03/082378 A1

ACTION