

Diego Gonzalez

Search history

Search 1: stac=(venturi and sensor and pressure and therapy and Respiratory and solenoid and control and motor and encoder) (Results 1)

Search 2: stac=(venturi and sensor and pressure and therapy and Respiratory and solenoid) (Results 3)

Title: DISCREET **RESPIRATORY THERAPY** SYSTEM

Abstract: A device provides **respiratory** treatment such as for sleep disordered breathing and other **respiratory** conditions in a discreet configuration to provide a minimally invasive system. The system may include a flow pressurizer apparatus configured to generate a pressurized flow of air through a fine bore delivery conduit toward a patient interface. The system may further include a treatment compensator coupled with the fine bore delivery conduit. The treatment compensator may be configured at the patient interface to reduce **pressure** for patient inspiration. A processor may control adjustments to the **pressure** generated by the flow pressurizer apparatus.

Classifications:

International (IPC 8-9): A61M16/00 A61M16/06 A61M16/08

A61M16/10 A61M16/12 A61M16/20 (Advanced/Invention);

A61M16/16 (Advanced/Non-invention)

CPC: A61M16/0051 A61M16/12 A61M16/20 A61M16/0666

A61M16/0875 A61M16/1005 A61M2205/3344 A61M2205/50

A61M16/0066 A61M16/0063 A61M16/0816 A61M16/204 A61M16/209

A61M2205/75 A61M16/0057 A61M16/0069 A61M16/06 A61M16/0683

A61M16/0866 A61M16/109 A61M16/127 A61M16/16 A61M16/201

A61M2016/0021 A61M2016/0027 A61M2016/0039 A61M2205/21

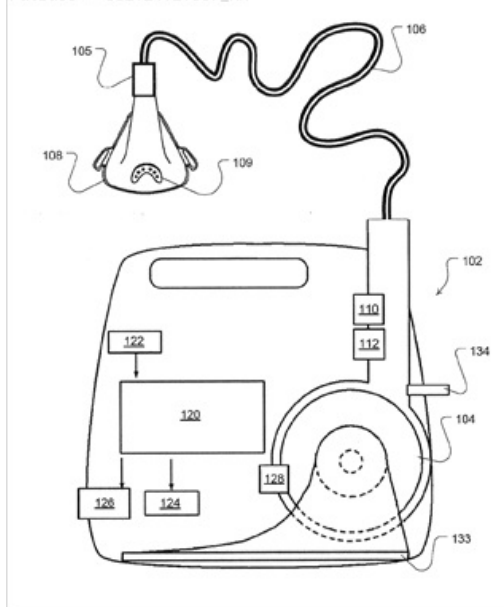
A61M2205/3355 A61M2205/3553 A61M2205/3561 A61M2205/3584

A61M2205/3592 A61M2205/502 A61M16/026 A61M16/1055

A61M16/107 A61M16/203 A61M16/207

US: 128/204.21 128/204.23 128/204.25

PatBase - US2014020687_AA



Family:

Publication number	Publication date	Application number	Application date
EP2869881 A1	20150513	EP20130813497	20130705
EP2869881 A4	20160120	EP20130813497	20130705
NZ630609 A	20160826	NZ20130630609	20130705
US2014020687 AA	20140123	US20130934596	20130703
US2015335851 AA	20151126	US20130412113	20130705
US9669172 BB	20170606	US20130934596	20130703
US10065008 BB	20180904	US20130412113	20130705
WO14005191 A1	20140109	WO2013AU00737	20130705

Priority:

US20120668149P 20120705

US20130934596 20130703

US20130412113 20130705

WO2013AU00737 20130705

Probable Assignee: RESMED LTD

Assignee(s): (std): RESMED LTD

Assignee(s): EQUILIBAR LLC

Inventor(s): (std): CULLEN CHRIS ; CULLEN CHRISTOPHER SAMUEL ; DANTANARAYANA MUDITHA PRADEEP ; DAVIDSON AARON SAMUEL ; DEBONO JOSEPH ; FORMICA JUSTIN JOHN ; GUPTA TUMUL ; JENNINGS JEFFREY DEAN ; MAZZONE DAMIEN JULIAN ; REED DAVID ALAN ; SIMS ANDREW ; ZHENG WILLIAM XING YUE

Agent(s): VOSSIUS AND PARTNER PATENTANWALTE RECHTSANWALTE MBB; LERNER DAVID LITTENBERG KRUMHOLZ AND MENTLIK LLP; DAVIDSON GEOFFREY ROBERT ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DISPOSITIVO PARA REALIZAR TERAPIAS RESPIRATORIAS Y PROCESO DE CONTROL Device for **respiratory therapies** AND CONTROL PROCESS (Machine translation)

Abstract: Source: CO16142456A [ES] [Source: Claim 1] 1. Un dispositivo para realizar terapias respiratorias que comprende: - un tubo **Venturi**; a través del tubo **Venturi** ingresa aire espirado e inspirado; - un **sensor** diferencial de presión operacionalmente dispuesto en el tubo **Venturi**; - un primer ducto conectado al tubo **Venturi**, en el primer ducto se dispone una primera electroválvula y una segunda electroválvula; y, - una unidad de control, a la unidad de control se conecta el **sensor** diferencial de presión, la primera electroválvula y la segunda electroválvula. **Machine translation:** [Source: Claim 1] 1. A device for performing **respiratory therapies** comprising: - a tube **Venturi**; through the **Venturi** tube enters expired air and inspired; - a **pressure** differential **sensor** operationally arranged in the **Venturi** tube; - a first pipeline connected to the **Venturi** tube, in the first pipeline is arranged a first and a second **solenoid** valve **solenoid** valve; and, - a control unit, the control unit is connected to the differential **pressure sensor**, the first and the second **solenoid** valve **solenoid** valve.

Classifications:

International (IPC 8-9): A61M16/10 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO16142456 A1	20171121	CO20160142456	20160531

Priority:

CO20160142456 20160531

Probable Assignee: UNIVERSIDAD CES

Assignee(s): UNIVERSIDAD CES ; UNIVERSIDAD EIA

Inventor(s): ANDRES GUERRA CEBALLOS ; YEISON JAVIER MONTAGUT FERIZZOLA

Agent(s): CARLOS REINALDO OLARTE GARCIA

Title: NEBULIZER HAVING DIFFERENT NEGATIVE **PRESSURE** THRESHOLD SETTINGS

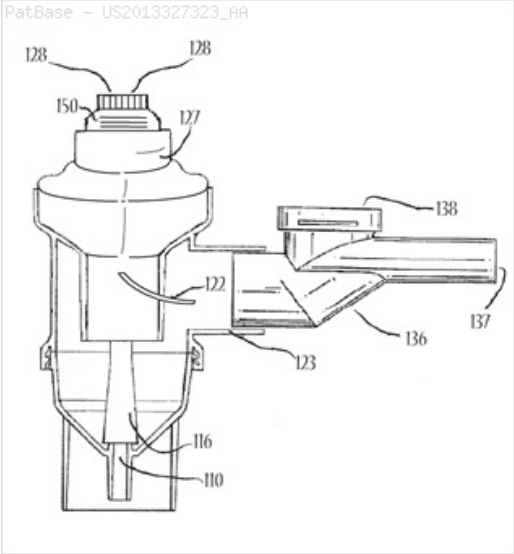
Abstract: Novel nebulizers and methods are provided for a nebulizer including a dialable negative **pressure** threshold valve that actuates in response to different negative **pressures** corresponding to different negative **pressure** threshold settings of actuation of the valve to influence inhalation effort, aerosol entrainment, and aerosol delivery.

Classifications:

International (ipc 8-9): A24F47/00 A61M11/02 A61M11/04 A61M11/06 A61M15/00 A61M16/00 A61M16/10 A61M16/14 A61M16/20 A62B7/00 B05B1/26 (Advanced/Invention); A61M11/00 A61M15/02 A61M16/00 (Advanced/Non-invention) **CPC:** A61M11/02 A61M11/041 A61M15/0028 A61M2016/0039 A61M2202/064 A61M2205/3653 A61M2205/52 A61M2205/8206 A61M2205/8268 A61M11/042 A61M11/047 A61M15/008 A61M16/204 A61M11/007 A61M15/0066 A61M15/025 A61M11/06 A61M15/002 A61M15/0085 A61M15/0091 A61M15/02 A61M16/209 A61M15/0095 A61M2205/13 A61M2205/6018 A61M2205/6054 A61M2205/6072 A61M15/0093 A61M16/0093 A61M16/101 A61M16/1055 A61M16/1065 A24F47/008 A61M2205/8262 A61M2205/8237 A61M2205/505 A61M2202/30 A61M2016/0033 A61M2016/0027 A61M2210/0618 A61M2210/065 A61M2210/1028 A61M2210/1032 A61M2210/1039 A61M2210/1035 A61M11/005 A61M15/0008 A61M15/06 A61M16/0866 A61M16/105 A61M16/14

European: A61M11/04H A61M15/00C A61M15/00F K61M11/04H2 K61M11/04H6 K61M15/00A13 K61M15/00D4E K61M16/00A14B4 K61M16/20A2P2 K61M202/06B K61M205/36J K61M205/52 K61M205/82B K61M205/82F

US: 128/200.14 128/200.18



Family:

Publication number	Publication date	Application number	Application date
CA2808836 AA	20130219	CA20112808836	20110817
EP2608829 A2	20130703	EP20110820272	20110817
EP2608829 A4	20151118	EP20110820272	20110817
US2013327323 AA	20131212	US20130969847	20130819
US2017368273 AA	20171228	US20170672021	20170808
US9757528 BB	20170912	US20130969847	20130819
WO12026963 A2	20120301	WO2011US01438	20110817
WO12026963 A3	20120524	WO2011US01438	20110817

Priority:

US20100806874 20100823 WO2011US01438 20110817 US20130969847 20130819
US20170672021 20170808

Probable Assignee: RUBIN DARREN

Assignee(s): (std): RUBIN DARREN

Inventor(s): (std): RUBIN DARREN

Agent(s): FINLAYSON AND SINGLEHURST; CHAILLOT GENEVIEVE; COLITZ MICHAEL J

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW