

Title (en)
DEVICES, SYSTEMS AND METHODS FOR TREATING MEDICAL DEVICES HAVING PASSAGEWAYS WITH OZONE GAS

Title (de)
VORRICHTUNGEN, SYSTEME UND VERFAHREN ZUR BEHANDLUNG MEDIZINISCHER VORRICHTUNGEN MIT DURCHGÄNGEN MIT OZONGAS

Title (fr)
DISPOSITIFS, SYSTÈMES ET PROCÉDÉS DE TRAITEMENT DE DISPOSITIFS MÉDICAUX COMPRENANT DES VOIES DE PASSAGE D'OZONE GAZEUX

Publication
EP 3448441 A1 20190306 (EN)

Application
EP 17790471 A 20170427

Priority
• US 201615141216 A 20160428
• US 2017029950 W 20170427

Abstract (en)
[origin: WO2017189916A1] The present disclosure is generally related to devices, methods and systems for cleaning, disinfecting and/or sterilizing a medical device, medical hoses and tubes and accessories thereof with ozone gas, in particular the disclosure relates to devices, methods and systems with multiple receptacles for providing closed-loop fluid pathways to distribute ozone gas to inner passageways and the outer compartments of medical devices. The devices in accordance with an embodiment of the disclosure have two or more receptacles for distributing ozone gas, a gas-tight compartment, an ozone operating system, and one or more connector units configured to fluidly migrate ozone in closed-loop treatment systems.

IPC 8 full level
A61L 2/20 (2006.01); **A61G 10/00** (2006.01); **A61H 33/14** (2006.01); **A61L 9/015** (2006.01); **B01J 15/00** (2006.01); **C01B 13/10** (2006.01)

CPC (source: EP IL)
A61L 2/202 (2013.01 - EP IL); **C01B 13/10** (2013.01 - EP IL); **A61L 2202/11** (2013.01 - EP IL); **A61L 2202/122** (2013.01 - EP IL); **A61L 2202/13** (2013.01 - EP IL); **A61L 2202/14** (2013.01 - EP IL); **A61L 2202/24** (2013.01 - EP IL)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017189916 A1 20171102; BR 112018071444 A2 20190205; BR 112018071444 B1 20220104; CA 3005981 A1 20171102; CA 3005981 C 20221129; CL 2018003063 A1 20190517; CN 109069675 A 20181221; EP 3448441 A1 20190306; EP 3448441 A4 20200101; IL 262603 A 20181231; IL 262603 B 20220501; JP 2019514822 A 20190606; JP 2021191726 A 20211216; JP 2023138992 A 20231003; JP 6929872 B2 20210901; MX 2018013169 A 20190624; NZ 747131 A 20231027; RU 2018136948 A 20200528; RU 2018136948 A3 20201013

DOCDB simple family (application)
US 2017029950 W 20170427; BR 112018071444 A 20170427; CA 3005981 A 20170427; CL 2018003063 A 20181026; CN 201780025983 A 20170427; EP 17790471 A 20170427; IL 26260318 A 20181025; JP 2018554099 A 20170427; JP 2021131430 A 20210811; JP 2023107908 A 20230630; MX 2018013169 A 20170427; NZ 74713117 A 20170427; RU 2018136948 A 20170427