

Title (en)
SYSTEMS, APPARATUS, AND METHODS FOR PERFORMING A PERCUTANEOUS TRACHEOSTOMY

Title (de)
SYSTEME, VORRICHTUNG UND VERFAHREN ZUR DURCHFÜHRUNG EINER PERKUTANEN TRACHEOSTOMIE

Title (fr)
SYSTÈMES, APPAREIL ET MÉTHODES POUR RÉALISER UNE TRACHÉOSTOMIE PERCUTANÉE

Publication
EP 4168084 A1 20230426 (EN)

Application
EP 21826381 A 20210621

Priority

- US 202063112921 P 20201112
- US 202063040921 P 20200618
- US 202017108200 A 20201201
- US 2021038263 W 20210621

Abstract (en)
[origin: WO2021258052A1] Devices, systems, and methods for creating a percutaneous tracheostomy are described herein. In some embodiments, a system can include an inflation assembly and a guidewire assembly. The inflation assembly can include an elongated tube, an inflatable member, and a magnetic member. The elongated tube can have a first end, a second end, and can define a lumen. The inflatable member can be coupled to the first end of the elongated tube and can be fluidically coupled to the lumen such that the inflatable member can receive fluid via the lumen. The magnetic member can be coupled to the first end of the elongated tube such that movement of the magnetic member can cause corresponding movement of the first end of the elongated tube. The first end of a guidewire of the guidewire assembly can include a coupling member, the coupling member configured to couple to the inflatable member such that translation of the elongated tube translates the guidewire assembly.

IPC 8 full level
A61M 16/04 (2006.01); **A61B 17/24** (2006.01); **A61F 2/82** (2013.01); **A61M 29/00** (2006.01); **A61M 29/02** (2006.01)

CPC (source: EP)
A61B 8/12 (2013.01); **A61B 8/4455** (2013.01); **A61B 8/4483** (2013.01); **A61B 8/4494** (2013.01); **A61M 16/0436** (2014.02); **A61M 16/0438** (2014.02); **A61M 16/0443** (2014.02); **A61M 16/0445** (2014.02); **A61M 16/0456** (2014.02); **A61M 16/0472** (2013.01); **A61M 16/0481** (2014.02); **A61M 16/0488** (2013.01); **A61M 16/0459** (2014.02); **A61M 16/0461** (2013.01); **A61M 16/0486** (2013.01); **A61M 16/0497** (2013.01); **A61M 2205/0266** (2013.01); **A61M 2205/3375** (2013.01); **A61M 2205/583** (2013.01); **A61M 2205/587** (2013.01)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021258052 A1 20211223; CN 116457051 A 20230718; EP 4168084 A1 20230426; EP 4168084 A4 20240731; JP 2023535278 A 20230817

DOCDB simple family (application)
US 2021038263 W 20210621; CN 202180056145 A 20210621; EP 21826381 A 20210621; JP 2022578761 A 20210621