

Title (en)

URETERAL AND BLADDER CATHETERS AND METHODS OF INDUCING NEGATIVE PRESSURE TO INCREASE RENAL PERFUSION

Title (de)

HARNLEITER- UND BLASENKATHETER UND VERFAHREN ZUR ERZEUGUNG VON UNTERDRUCK ZUR ERHÖHUNG DER NIERENPERFUSION

Title (fr)

SONDES URÉTÉRALES ET VÉSICALES ET PROCÉDÉS D'INDUCTION D'UNE PRESSION NÉGATIVE POUR ACCROÎTRE LA PERFUSION RÉNALE

Publication

EP 3672678 A1 20200701 (EN)

Application

EP 18772908 A 20180824

Priority

- US 201715687064 A 20170825
- IB 2018056462 W 20180824

Abstract (en)

[origin: WO2019038734A1] A method is provided for facilitating urine output from the kidney, including: (a) inserting a catheter including: a drainage lumen including a distal portion configured to be positioned in a patient's kidney, renal pelvis and/or in the ureter adjacent to the renal pelvis and a proximal portion, the distal portion including a retention portion including a funnel support including at least one sidewall, wherein the funnel support includes a first diameter and a second diameter, the first diameter being less than the second diameter, the second diameter being closer to an end of the distal portion of the drainage lumen than the first diameter, wherein the proximal portion of the drainage lumen is essentially free of or free of openings; and (b) applying negative pressure to the proximal portion of the drainage lumen for a period of time to facilitate urine output from the kidney.

IPC 8 full level

A61M 27/00 (2006.01); **A61M 1/00** (2006.01); **A61M 25/00** (2006.01)

CPC (source: EP US)

A61M 25/0017 (2013.01 - EP); **A61M 25/0074** (2013.01 - EP); **A61M 25/008** (2013.01 - EP); **A61M 27/008** (2013.01 - EP US);
A61F 2002/048 (2013.01 - EP); **A61M 1/732** (2021.05 - EP US); **A61M 1/78** (2021.05 - EP US); **A61M 1/84** (2021.05 - EP US);
A61M 1/87 (2021.05 - EP US); **A61M 27/002** (2013.01 - EP); **A61M 2210/1082** (2013.01 - EP); **A61M 2210/1085** (2013.01 - EP);
A61M 2210/1089 (2013.01 - EP)

Citation (search report)

See references of WO 2019038734A1

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 2019038734 A1 20190228; BR 112020003829 A2 20200908; CA 3073907 A1 20190228; CN 111278498 A 20200612;
EP 3672678 A1 20200701; JP 2020531149 A 20201105; MX 2020002065 A 20201016

DOCDB simple family (application)

IB 2018056462 W 20180824; BR 112020003829 A 20180824; CA 3073907 A 20180824; CN 201880069239 A 20180824;
EP 18772908 A 20180824; JP 2020511298 A 20180824; MX 2020002065 A 20180824