

Title (en)
PUMP ASSEMBLY AND SYSTEM FOR INDUCING NEGATIVE PRESSURE IN A PORTION OF A URINARY TRACT OF A PATIENT

Title (de)
PUMPENANORDNUNG UND SYSTEM ZUR ERZEUGUNG VON UNTERDRUCK IN EINEM TEIL EINES HARNTRAKTES EINES PATIENTEN

Title (fr)
ENSEMBLE POMPE ET SYSTÈME POUR INDUIRE UNE PRESSION NÉGATIVE DANS UNE PARTIE DES VOIES URINAIRES D'UN PATIENT

Publication
EP 3958918 A1 20220302 (EN)

Application
EP 20722674 A 20200423

Priority
• US 201962837513 P 20190423
• IB 2020053870 W 20200423

Abstract (en)
[origin: WO2020217214A1] A pump assembly for increasing urine output from a patient includes at least one ureteral catheter including: a distal portion having a retention portion configured to be positioned in a patient's kidney, renal pelvis, and/or ureter; and a proximal portion defining a drainage lumen. The retention portion includes at least one drainage port which permits fluid flow into the drainage lumen. The pump assembly further includes a pump configured to provide negative pressure to at least one of the renal pelvis or kidney through the drainage lumen of the at least one ureteral catheter. The pump includes at least one fluid port in fluid communication with the drainage lumen of the proximal portion of the ureteral catheter for receiving fluid from the patient's kidney, wherein at least a portion of the pump is configured to be positioned within a patient's body.

IPC 8 full level
A61M 1/00 (2006.01); **A61M 25/00** (2006.01)

CPC (source: EP IL US)
A61M 1/80 (2021.05 - EP IL US); **A61M 1/82** (2021.05 - EP IL US); **A61M 27/008** (2013.01 - IL); **A61M 27/008** (2013.01 - EP); **A61M 2202/0496** (2013.01 - EP IL); **A61M 2205/04** (2013.01 - EP IL); **A61M 2205/3334** (2013.01 - EP IL); **A61M 2205/3344** (2013.01 - EP IL); **A61M 2205/3515** (2013.01 - EP IL); **A61M 2205/3538** (2013.01 - EP IL); **A61M 2205/8206** (2013.01 - EP IL); **A61M 2205/8243** (2013.01 - EP IL); **A61M 2210/1078** (2013.01 - EP IL); **A61M 2210/1082** (2013.01 - EP IL); **A61M 2210/1085** (2013.01 - EP IL)

Citation (search report)
See references of WO 2020217214A1

Cited by
US11957614B2

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

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DOCDB simple family (publication)
WO 2020217214 A1 20201029; AU 2020261384 A1 20211111; BR 112021021335 A2 20220118; CA 3138967 A1 20201029; CN 114072184 A 20220218; EP 3958918 A1 20220302; IL 287460 A 20211201; JP 2022529526 A 20220622; MX 2021012887 A 20211215; ZA 202108375 B 20231129

DOCDB simple family (application)
IB 2020053870 W 20200423; AU 2020261384 A 20200423; BR 112021021335 A 20200423; CA 3138967 A 20200423; CN 202080046902 A 20200423; EP 20722674 A 20200423; IL 28746021 A 20211021; JP 2021563169 A 20200423; MX 2021012887 A 20200423; ZA 202108375 A 20211028