

Title (en)  
DEVICES AND SYSTEMS FOR INTRALUMINAL LOCAL DRUG DELIVERY

Title (de)  
VORRICHTUNGEN UND SYSTEME ZUR INTRALUMINALEN LOKALEN ARZNEIMITTELABGABE

Title (fr)  
DISPOSITIFS ET SYSTÈMES POUR L'ADMINISTRATION LOCALE INTRALUMINALE D'UN MÉDICAMENT

Publication  
**EP 3880288 A1 20210922 (EN)**

Application  
**EP 18816387 A 20181116**

Priority  
US 2018061607 W 20181116

Abstract (en)  
[origin: WO2020101707A1] Devices, systems for localized delivery of a chemotherapy, hormonal therapy or targeted drug/biologic therapy to a target tissue area of an internal body organ of a patient. A catheter 10 forms a sealed treatment chamber in a natural lumen extending through the target tissue area. Air is purged from the chamber, which is then filled with a liquid drug solution for an adequate treatment session time, solution volume and drug concentration to saturate the target tissue area, thereby providing the treatment. The liquid drug solution may be circulated or recirculated through the chamber or maintained stationary therewithin. The drug may saturate the target tissue area and pass therethrough into the lymphatic system or interstitial space, which may serve as a reservoir of the drug for continued therapeutic treatment after withdrawal of the catheter. The chamber is evacuated at the end of the treatment session.

IPC 8 full level  
**A61M 25/10** (2013.01); **A61B 5/00** (2006.01); **A61M 25/00** (2006.01)

CPC (source: EP)  
**A61M 25/007** (2013.01); **A61M 25/1011** (2013.01); **A61B 1/2676** (2013.01); **A61M 16/0404** (2014.02); **A61M 16/0459** (2014.02); **A61M 16/0475** (2014.02); **A61M 16/0484** (2014.02); **A61M 16/0486** (2014.02); **A61M 2025/1015** (2013.01); **A61M 2025/1045** (2013.01); **A61M 2025/105** (2013.01); **A61M 2025/1052** (2013.01); **A61M 2202/0468** (2013.01); **A61M 2205/32** (2013.01); **A61M 2205/3317** (2013.01); **A61M 2205/332** (2013.01); **A61M 2205/3344** (2013.01); **A61M 2210/1035** (2013.01); **A61M 2210/1039** (2013.01); **A61M 2210/1064** (2013.01); **A61M 2210/1078** (2013.01); **A61M 2210/1433** (2013.01); **A61M 2210/1475** (2013.01)

Citation (search report)  
See references of WO 2020101707A1

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 2020101707 A1 20200522**; EP 3880288 A1 20210922

DOCDB simple family (application)  
**US 2018061607 W 20181116**; EP 18816387 A 20181116