

Title (en)

IMPLANTABLE DRUG DELIVERY DEVICE WITH INFUSATE MEASURING CAPABILITIES

Title (de)

IMPLANTIERBARE ARZNEIMITTELABGABEVORRICHTUNG MIT INFUSATMESSMÖGLICHKEITEN

Title (fr)

DISPOSITIF D'ADMINISTRATION DE MÉDICAMENT IMPLANTABLE AYANT DES CAPACITÉS DE MESURE DE PERFUSION

Publication

**EP 3823694 A1 20210526 (EN)**

Application

**EP 19838785 A 20190716**

Priority

- US 201816039964 A 20180719
- US 2019042000 W 20190716

Abstract (en)

[origin: WO2020018533A1] An implantable drug delivery device and method that includes a bellows sensor for detecting the displacement of a bellows within an infusate reservoir. Sensor data from the bellows sensor may enable indirect measurement of the flow conditions of the implantable drug delivery device or connected catheter. A processor within the implantable drug delivery device may use the sensor data to determine whether delivery of infusate to a patient over time is outside normal or acceptable parameters and take an action in response.

IPC 8 full level

**A61M 5/168** (2006.01)

CPC (source: EP)

**A61M 5/14276** (2013.01); **A61M 5/16809** (2013.01); **A61M 5/1684** (2013.01); **A61M 5/1685** (2013.01); **A61M 5/16881** (2013.01); **A61M 2205/3327** (2013.01); **A61M 2205/3523** (2013.01)

Citation (search report)

See references of WO 2020018533A1

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 2020018533 A1 20200123**; CN 112739395 A 20210430; EP 3823694 A1 20210526; JP 2021531109 A 20211118

DOCDB simple family (application)

**US 2019042000 W 20190716**; CN 201980047955 A 20190716; EP 19838785 A 20190716; JP 2021502802 A 20190716