

Title (en)
BIOACTIVE RELEASING MEMBRANE FOR ANALYTE SENSOR

Title (de)
BIOAKTIVE FREISETZUNGSMEMBRAN FÜR ANALYTSENSOR

Title (fr)
MEMBRANE DE LIBÉRATION BIOACTIVE POUR CAPTEUR D'ANALYTE

Publication
EP 4401634 A1 20240724 (EN)

Application
EP 22801589 A 20220915

Priority

- US 202163244644 P 20210915
- US 202263318901 P 20220311
- US 2022043641 W 20220915

Abstract (en)
[origin: WO2023043908A1] The present disclosure relates generally to bioactive releasing membranes utilized with implantable devices, such as devices for the detection of analyte concentrations in a biological sample. More particularly, the disclosure relates to novel bioactive releasing membranes, to devices and implantable devices including these membranes, methods for forming the bioactive releasing membranes on or around the implantable devices, and to methods for monitoring analyte levels in a biological fluid sample using an implantable analyte detection device.

IPC 8 full level
A61B 5/145 (2006.01); **A61B 5/1459** (2006.01); **A61B 5/1473** (2006.01); **A61B 5/1486** (2006.01); **A61K 9/00** (2006.01); **A61L 31/10** (2006.01); **A61L 31/16** (2006.01); **A61M 31/00** (2006.01)

CPC (source: EP)
A61B 5/14532 (2013.01); **A61B 5/1451** (2013.01); **A61B 5/14735** (2013.01); **A61M 31/002** (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 2023043908 A1 20230323; AU 2022345089 A1 20240502; CA 3230350 A1 20230323; EP 4401634 A1 20240724; JP 2024534447 A 20240920

DOCDB simple family (application)
US 2022043641 W 20220915; AU 2022345089 A 20220915; CA 3230350 A 20220915; EP 22801589 A 20220915; JP 2024516939 A 20220915