

Title (en)

USE OF A LIPOSOME ENCAPSULATING A SUGAR COMPOUND IN CEST IMAGING

Title (de)

VERWENDUNG EINES LIPOSOMS, DAS EINE ZUCKERVERBINDUNG VERKAPSELT, BEI DER CEST-BILDGEBUNG

Title (fr)

UTILISATION D'UN LIPOSOME ENCAPSULANT UN COMPOSÉ GLUCIDIQUE EN IMAGERIE CEST

Publication

**EP 3606563 A1 20200212 (EN)**

Application

**EP 18719072 A 20180406**

Priority

- GB 201705653 A 20170407
- EP 2018058869 W 20180406

Abstract (en)

[origin: WO2018185290A1] The invention provides agents for use in methods of saturation transfer mediated imaging (such as CEST imaging) in a subject, which agents comprise a liposome encapsulating a suitable sugar compound. The disclosure provides novel liposome formulations, which can be used for diagnostic and theranostic purposes. The liposomes can be shielded and/or targeted to a sugar uptake site such as a tumour. The invention has particular utility in modulating the glycaemic response to the encapsulated sugar compound in the subject.

IPC 8 full level

**A61K 49/10** (2006.01); **A61K 49/18** (2006.01); **A61P 3/10** (2006.01); **A61P 35/00** (2006.01)

CPC (source: EP)

**A61K 9/127** (2013.01); **A61K 31/7004** (2013.01); **A61K 47/62** (2017.07); **A61K 47/6911** (2017.07); **A61K 49/10** (2013.01); **A61K 49/1812** (2013.01); **A61P 3/10** (2017.12); **A61P 35/00** (2017.12)

Citation (search report)

See references of WO 2018185290A1

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 2018185290 A1 20181011**; EP 3606563 A1 20200212; GB 201705653 D0 20170524

DOCDB simple family (application)

**EP 2018058869 W 20180406**; EP 18719072 A 20180406; GB 201705653 A 20170407