

Title (en)  
LANTHANIDE COMPLEXES COMPRISING DENDRIMERS

Title (de)  
LANTHANIDKOMPLEXE MIT DENDRIMEREN

Title (fr)  
COMPLEXES DE LANTHANIDES À BASE DE DENDRIMÈRES

Publication  
**EP 3568401 A1 20191120 (FR)**

Application  
**EP 18700278 A 20180110**

Priority  
• FR 1750245 A 20170111  
• EP 2018050510 W 20180110

Abstract (en)  
[origin: WO2018130542A1] The present invention relates to a complex comprising at least one dendrimer and at least one lanthanide, in which the dendrimer comprises a unit of formula (I), wherein: C1 is a group with a valency of 4 of formula >N-CH<sub>2</sub>-CH<sub>2</sub>-N<; and - A1, A2 and A3 are groups of formula -(CH<sub>2</sub>)<sub>2</sub>-C(O)-NH-(CH<sub>2</sub>)<sub>2</sub>-; said unit of formula (I) being covalently bound to at least one antenna that absorbs at a wavelength of between 500 nm and 900 nm.

IPC 8 full level  
**A61K 49/08** (2006.01); **A61K 49/10** (2006.01); **C07F 5/00** (2006.01)

CPC (source: EP US)  
**A61K 41/0071** (2013.01 - EP US); **A61K 47/595** (2017.07 - EP); **A61K 49/0021** (2013.01 - EP); **A61K 49/0028** (2013.01 - EP); **A61K 49/0032** (2013.01 - EP); **A61K 49/0054** (2013.01 - EP); **C07F 5/00** (2013.01 - EP); **C08G 83/003** (2013.01 - US); **C09B 5/62** (2013.01 - EP); **C09B 23/0016** (2013.01 - EP); **C09B 23/0033** (2013.01 - EP); **C09B 23/0041** (2013.01 - EP); **C09B 23/0066** (2013.01 - EP); **C09B 69/101** (2013.01 - EP); **C09B 69/105** (2013.01 - EP); **C09B 69/107** (2013.01 - US); **C09B 69/109** (2013.01 - EP); **G01N 15/1429** (2013.01 - US); **G01N 21/6428** (2013.01 - US); **G01N 21/6458** (2013.01 - US)

Citation (search report)  
See references of WO 2018130542A1

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)  
**FR 3061714 A1 20180713; FR 3061714 B1 20200214; EP 3568401 A1 20191120; US 2019352511 A1 20191121; WO 2018130542 A1 20180719**

DOCDB simple family (application)  
**FR 1750245 A 20170111; EP 18700278 A 20180110; EP 2018050510 W 20180110; US 201816477103 A 20180110**