

Title (en)
NOVEL COMPLEXES FOR THE SEPARATION OF CATIONS

Title (de)
NEUARTIGE KOMPLEXE ZUR TRENNUNG VON KATIONEN

Title (fr)
NOUVEAUX COMPLEXES POUR LA SEPARATION DE CATIONS

Publication
EP 3126343 A1 20170208 (FR)

Application
EP 15717009 A 20150403

Priority
• FR 1452958 A 20140403
• EP 2015097016 W 20150403

Abstract (en)
[origin: WO2015150588A1] The invention relates to complexes comprising a solid support and a material with a matrix structure comprising domains complexing rare earths or strategic metals. The invention also relates to the method for the production of said complexes and to the use thereof for extracting or separating the rare earths or the strategic metals in an aqueous or organic medium.

IPC 8 full level
C07D 323/00 (2006.01); **C02F 1/56** (2006.01); **C07F 1/00** (2006.01); **C07F 5/00** (2006.01); **C07F 9/38** (2006.01); **C07F 9/40** (2006.01); **C08L 39/08** (2006.01)

CPC (source: CN EP US)
B01J 20/223 (2013.01 - EP US); **B01J 20/267** (2013.01 - CN EP US); **B01J 20/3085** (2013.01 - EP US); **C02F 1/285** (2013.01 - CN EP US); **C02F 1/56** (2013.01 - CN US); **C07D 323/00** (2013.01 - CN EP US); **C07D 405/14** (2013.01 - EP US); **C07F 1/005** (2013.01 - CN EP US); **C07F 5/003** (2013.01 - CN EP US); **C07F 9/3882** (2013.01 - CN EP US); **C07F 9/4021** (2013.01 - US); **C07F 9/4056** (2013.01 - CN EP US); **C08L 33/02** (2013.01 - US); **C08L 39/08** (2013.01 - CN US); **C02F 2101/10** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2015150588A1

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 2015150588 A1 20151008; CA 2944642 A1 20151008; CN 106458962 A 20170222; EP 3126343 A1 20170208; FR 3019547 A1 20151009; FR 3019547 B1 20171222; JP 2017520667 A 20170727; JP 6657174 B2 20200304; US 2017044142 A1 20170216; US 2018179192 A2 20180628

DOCDB simple family (application)
EP 2015097016 W 20150403; CA 2944642 A 20150403; CN 201580018332 A 20150403; EP 15717009 A 20150403; FR 1452958 A 20140403; JP 2017503073 A 20150403; US 201515301423 A 20150403