

Title (en)

METHOD AND REACTOR FOR PROCESSING BULK MATERIAL CONTAINING Li

Title (de)

VERFAHREN UND REAKTOR ZUR AUFBEREITUNG VON Li-HALTIGEN SCHÜTTGUT

Title (fr)

PROCÉDÉ ET RÉACTEUR POUR LE TRAITEMENT DE MATIÈRES EN VRAC RENFERMANT DU Li

Publication

EP 2601323 A1 20130612 (DE)

Application

EP 10776954 A 20101015

Priority

- DE 102009049423 A 20091014
- EP 2010065572 W 20101015

Abstract (en)

[origin: WO2011045431A1] The invention relates to a method for recovering lithium from a starting material comprising lithium. According to the invention, the starting material is heated with carbon in a reactor by carrying out direct inductive heating of the carbon.

IPC 8 full level

C01D 15/02 (2006.01); **C22B 7/00** (2006.01); **C22B 26/12** (2006.01); **H01M 10/54** (2006.01)

CPC (source: EP US)

C01D 15/02 (2013.01 - EP US); **C22B 7/001** (2013.01 - EP US); **C22B 26/12** (2013.01 - EP US); **F27D 99/0001** (2013.01 - EP US); **H01M 10/4242** (2013.01 - EP US); **H01M 10/0525** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02P 10/20** (2015.11 - EP US)

Citation (search report)

See references of WO 2011045431A1

Citation (examination)

KR 100796369 B1 20080121 - RECYTECH KOREA CO LTD [KR]

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

DOCDB simple family (publication)

WO 2011045431 A1 20110421; **WO 2011045431 A8 20130912**; BR 112012008785 A2 20190924; CA 2776574 A1 20110421; DE 102009049423 A1 20110428; EP 2601323 A1 20130612; IN 3114DEN2012 A 20150918; JP 2013527306 A 20130627; KR 20130069538 A 20130626; MX 2012004359 A 20120723; RU 2012119547 A 20131120; US 2012247005 A1 20121004

DOCDB simple family (application)

EP 2010065572 W 20101015; BR 112012008785 A 20101015; CA 2776574 A 20101015; DE 102009049423 A 20091014; EP 10776954 A 20101015; IN 3114DEN2012 A 20120411; JP 2012533649 A 20101015; KR 20127011863 A 20101015; MX 2012004359 A 20101015; RU 2012119547 A 20101015; US 201013501478 A 20101015