

Title (en)
Method for manufacturing lithium

Title (de)
Verfahren zur Gewinnung von Lithium

Title (fr)
Procédé de fabrication de lithium

Publication
EP 1431422 B1 20061213 (DE)

Application
EP 03026514 A 20031118

Priority
DE 10259020 A 20021216

Abstract (en)
[origin: EP1431422A1] Process for recovering lithium from lithium amalgam comprises electrolyzing a solid lithium ion conductor having the composition: $\text{Li}_{4-x}\text{Si}_{1-x}\text{P}_x\text{O}_4$ (where $x = 0.3-0.7$).

IPC 8 full level
C01B 33/32 (2006.01); **C25C 3/02** (2006.01); **C22B 26/12** (2006.01); **C25C 7/04** (2006.01); **H01B 1/06** (2006.01); **H01B 13/00** (2006.01)

CPC (source: EP US)
C22B 26/12 (2013.01 - EP US); **C25C 3/02** (2013.01 - EP US); **C25C 7/04** (2013.01 - EP US)

Cited by
US10333123B2; USRE49205E; US9793525B2; US10084168B2; US10566611B2; US11417873B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1431422 A1 20040623; **EP 1431422 B1 20061213**; AT E348204 T1 20070115; DE 50305946 D1 20070125; JP 2004218078 A 20040805; US 2004118700 A1 20040624

DOCDB simple family (application)
EP 03026514 A 20031118; AT 03026514 T 20031118; DE 50305946 T 20031118; JP 2003412717 A 20031211; US 73116603 A 20031210