

Title (en)  
RELITHIATION IN OXIDIZING CONDITIONS

Title (de)  
RELITHIIERUNG UNTER OXIDIERENDEN BEDINGUNGEN

Title (fr)  
RELITHIATION DANS DES CONDITIONS OXYDANTES

Publication  
**EP 3969207 A1 20220323 (EN)**

Application  
**EP 20810010 A 20200514**

Priority  
• US 201916415879 A 20190517  
• US 2020032877 W 20200514

Abstract (en)  
[origin: WO2020236513A1] Examples are disclosed of methods to recycle positive-electrode material of a lithium-ion battery. One example provides a method including relithiating the positive-electrode material in a solution comprising lithium ions and an oxidizing agent, and after relithiating, separating the positive-electrode material from the solution.

IPC 8 full level  
**B22F 1/00** (2022.01); **B22F 9/04** (2006.01); **H01M 10/54** (2006.01)

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**H01M 4/0438** (2013.01 - EP GB KR); **H01M 4/139** (2013.01 - EP GB KR); **H01M 10/54** (2013.01 - EP GB KR); **B22F 2998/10** (2013.01 - EP GB); **Y02E 60/10** (2013.01 - GB); **Y02W 30/84** (2015.05 - GB)

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**US 2020032877 W 20200514**; CN 202080050885 A 20200514; EP 20810010 A 20200514; GB 202117980 A 20200514; JP 2021568716 A 20200514; KR 20217041405 A 20200514