

Title (en)  
Method to improve the leaching process

Title (de)  
Verfahren zur Verbesserung von Laugungsprozessen

Title (fr)  
Procédé pour améliorer le processus de lixiviation

Publication  
**EP 2650395 A2 20131016 (EN)**

Application  
**EP 13156138 A 20130221**

Priority  
• US 201213401452 A 20120221  
• US 201213428635 A 20120323  
• US 201213482322 A 20120529

Abstract (en)  
A method to leach a component that includes a polycrystalline structure. The method includes obtaining the component having the polycrystalline structure. The polycrystalline structure includes catalyst material deposited therein. The method also includes performing a leaching process on the polycrystalline structure to an intermediate leaching depth. The leaching process removes at least a portion of the catalyst material from the polycrystalline structure and forms one or more by-product materials deposited therein. The method also includes performing a cleaning process on the polycrystalline structure, which removes at least a portion of the by-product materials. The leaching process and the cleaning process are iteratively continued until the intermediate leaching depth reaches a desired leaching depth, both of which are measured from one end of the polycrystalline structure. The desired leaching depth is greater than at least one intermediate leaching depth.

IPC 8 full level  
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