

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

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• 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.

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