

Title (en)  
METHOD OF EXTRACTING PLATINUM GROUP METALS FROM WASTE CATALISTS THROUGH ELECTROCHEMICAL PROCESS

Title (de)  
VERFAHREN ZUM EXTRAHIEREN VON PLATINGRUPPENMETALLEN AUS KATALYSATORABFÄLLEN DURCH EINEN ELEKTROCHEMISCHEN PROZESS

Title (fr)  
PROCEDE D'EXTRACTION DE METAUX DU GROUPE PLATINE A PARTIR DE CATALYSEURS USES, PAR PROCESSUS ELECTROCHIMIQUE

Publication  
**EP 2081685 A4 20101215 (EN)**

Application  
**EP 07808482 A 20071002**

Priority

- KR 2007004828 W 20071002
- KR 20060111811 A 20061113

Abstract (en)  
[origin: WO2008060038A1] A method of extracting platinum group metals from waste catalysts through an electrochemical process is disclosed. The extracting method includes positioning the waste catalysts between both electrodes in an electrolytic cell, leaching the platinum group metals as regularly changing polarities of the electrodes to each other, and precipitating the platinum group metals on a cathode by circulating the electrolyte from an anode to a cathode. According to the method, the platinum group metals can be extracted with high efficiency and high yield. Also, the extracting process is simplified to remarkably reduce costs required to extract the platinum group metals.

IPC 8 full level  
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Citation (search report)

- [Y] US 2003136685 A1 20030724 - STOLLER VIKTOR [DE], et al
- [Y] EP 1354968 A2 20031022 - STARCK H C GMBH [DE]
- [X] DATABASE WPI Week 200328, Derwent World Patents Index; AN 2003-287029, XP002608259
- [Y] DATABASE WPI Week 197709, Derwent World Patents Index; AN 1977-15952Y, XP002608260
- See references of WO 2008060038A1

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DOCDB simple family (publication)  
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