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(54) Title: PROCESS FOR METALS RECOVERY FROM SPENT CATALYST

(57) Abstract: The process of this invention is directed to the removal of metals from an unsupported spent catalyst. The catalyst is subjected to leaching reactions. Vanadium is removed as a precipitate, while a solution comprising molybdenum and nickel is subjected to further extraction steps for the removal of these metals. Molybdenum may alternately be removed through precipitation.

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US06/25148

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: C01G 31/00(2006.01)

USPC: 423/54,63,139

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 423/54,63,139

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
none

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
none

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,298,581 A (DOUGLAS et al) 03 November 1981, abstract	1

Further documents are listed in the continuation of Box C.

See patent family annex.

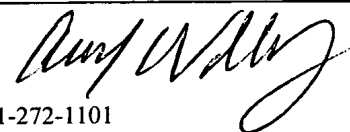
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“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
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