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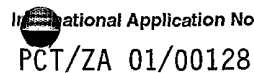
(54) Title: SELECTIVE RECOVERY OF ALUMINIUM, COBALT AND PLATINUM VALUES FROM A SPENT CATALYST COMPOSITION

(57) Abstract: The invention provides a process for the selective recovery of aluminium, cobalt and platinum, and compounds thereof, from a catalyst composition including aluminium, cobalt and platinum, said process including the steps of treating the catalyst composition to selectively get ions of substantially only one of the aluminium, cobalt and platinum into solution, recovering, in separate process steps, the thus treated aluminium, cobalt, or platinum in salt or metal form, and repeating the treating and recovering steps for each of the aluminium, cobalt and platinum. The treating steps may include process steps such as leaching, washing, dissolving, stripping, and the like. The recovery steps may include filtration, precipitation, separation, flocculation, and the like.



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INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C22B7/00 C22B23/00 C22B11/00 C22B3/12 C22B3/44
C01F7/02 C01F7/06

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)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, COMPENDEX, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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INTERNATIONAL SEARCH REPORT

International Application No
PCT/ZA 01/00128

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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