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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
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(54) Title: PROCESSES FOR OXIDATION OF BROMIDES TO PRODUCE BROMINE AND CATALYSTS USEFUL THEREIN

(57) Abstract: Methods are provided for producing bromine wherein an aqueous solution is formed from at least a bromide source, an oxidant, and a catalyst comprising a Group 1 cation and an oxide of a transition metal.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/076379

A. CLASSIFICATION OF SUBJECT MATTER
INV. C01B7/09

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)
C01B

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, CHEM ABS Data, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 930 341 A (CALIFORNIA RESEARCH CORP) 3 July 1963 (1963-07-03) claims	1-10
A	WO 93/06039 A (CATALYTICA INC [US]) 1 April 1993 (1993-04-01) claims	1,8,10
A	US 5 266 295 A (BARDA HENRY J [US]) 30 November 1993 (1993-11-30) cited in the application the whole document	1,8,10
A	EP 0 300 085 A1 (ETHYL CORP [US]) 25 January 1989 (1989-01-25) claims	1,8,10

Further documents are listed in the continuation of Box C.

See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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