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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))*
- *of inventorship (Rule 4.17(iv))*

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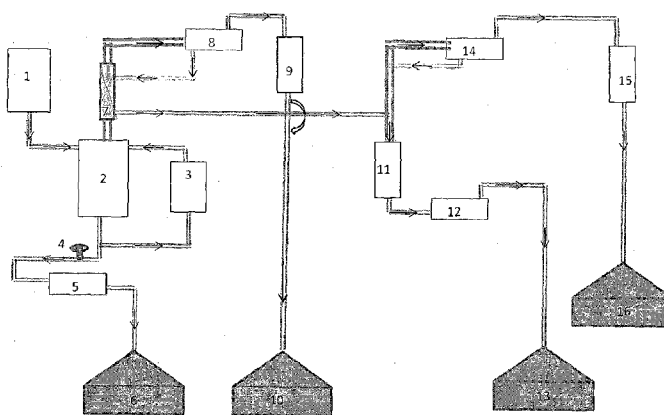
(54) **Title:** PROCESS FOR PREPARATION OF HYDROBROMIC ACID

Fig. 1

(57) **Abstract:** A process has been disclosed for preparation of hydrobromic acid from bromine, sulfur dioxide and water, which involves in situ generation of bromine from bittern for the production of hydrobromic acid and separation thereof from co-products, viz., sulfuric and hydrochloric acids. The invented process obviates the need for double distillation or precipitation step for removal of sulfate impurities. The concentration of the product obtained by the invented process is about 48% and it contains < 15 ppm sulfate and chloride impurities.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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 practicable, search terms used)

Patseer, IPO Internal Database

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN103964382 A (WEI WANG ET. AL [CN]) 06 August 2014 Abstract, Page 2-7, Claim 1	1-5
Y	US2005/0135990 A1 (SCHAEFER JOHN JARED ET AL.[US]) 30 June 2005 Page-3, Para-0034	1-5
Y	CN101045529 A (JIN DEQIANG ZHANG [CN]) 03 October 2007 Abstract, Claim 1	1-5
Y	US8815050 B2 (KURUKCHI A. SABAH ET. AL) 26 August 2014. Abstract, Page-6, Claim 1, 12, 15, Table 1-2	1-5

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

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Citation	Pub.Date	Family	Pub.Date
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		US 2004067191 A1	08-04-2004
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