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- (71) **Applicant:** PRAJ INDUSTRIES LIMITED [IN/IN]; PRAJ Tower, 274-275, Bhumkar Chowk - Hinjewadi Road, Hinjewadi, Pune - 411 057 (IN).
- (72) **Inventors:** GHANSHAM BABURAO DESHPANDE; PRAJ INDUSTRIES LIMITED, PRAJ Tower, 274-275, Bhumkar Chowk - Hinjewadi Road, Hinjewadi, Pune - 411 057 (IN). SHRIKANT SUBHASH RATHI; PRAJ INDUSTRIES LIMITED, PRAJ Tower, 274-275, Bhumkar Chowk - Hinjewadi Road, Hinjewadi, Pune - 411 057 (IN). DEVDATTA KRISHNA DESHPANDE; PRAJ INDUSTRIES LIMITED, PRAJ Tower, 274-275, Bhumkar Chowk - Hinjewadi Road, Hinjewadi, Pune - 411 057 (IN). PRASANNA SHAM PAI; PRAJ INDUSTRIES LIMITED, PRAJ Tower, 274-275, Bhumkar Chowk - Hinjewadi Road, Hinjewadi, Pune - 411 057 (IN). PANDURANG RAM SHINDE; PRAJ INDUSTRIES LIMITED, PRAJ Tower, 274-275, Bhumkar Chowk - Hinjewadi Road, Hinjewadi, Pune - 411 057 (IN).
- (74) **Agent:** PARAG KINGE; PRAJ INDUSTRIES LIMITED, PRAJ Tower, 274-275, Bhumkar Chowk - Hinjewadi Road, Hinjewadi, Pune - 411 057 (IN).

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(54) **Title:** PRODUCTION OF ETHANOL BY EVAPORATIVE DISTILLATION

(57) **Abstract:** A process for producing ethanol by evaporative distillation is disclosed, wherein fermented wash is first evaporated in an evaporator to generate a concentrated ethanol stream. The remaining part of said wash is then further purified in a mash column to isolate remaining ethanol from said wash. In this process as a large part of fermented wash is removed in evaporation process, the load on the mash column is significantly less and hence small size of mash column is required.



INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER
B01D3/02, C12G3/12, C12P7/06 Version=2014.01

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)

B07 and C12

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)

IPO internal database, Orbit

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US5035776 A University Of Massachusetts 30-07-1991 The whole document	1-10
Y	2897/MUM/2011 A Avinash G Patil 07-12-2012 The whole document	1-10
Y	US3445345 A Raphael Katzen Associates 20-05-1969 The whole document	1-10
Y	US7867365 B2 Thermal Kinetics Systems, Llc 11-01-2011 The whole document	1-10
Y	US7297236 B1 ICM, Inc., Colwich, KS (US) 20-11-2007 The whole document	1-10

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

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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Name and mailing address of the ISA/ Indian Patent Office Plot No.32, Sector 14, Dwarka, New Delhi-110075 Facsimile No.	Authorized officer A. Reddy Telephone No. +91-1125300200
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INTERNATIONAL SEARCH REPORT
Information on patent family members

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Citation	Pub.Date	Family	Pub.Date
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