

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
29 July 2010 (29.07.2010)

(10) International Publication Number  
**WO 2010/085143 A3**

(51) International Patent Classification:  
*B01J 2/02* (2006.01)

PIETERSE, Gerben [NL/NL]; Neumannlaan 25,  
NL-5624 KL Eindhoven (NL).

(21) International Application Number:  
PCT/NL2010/050006

(74) Agent: HATZMANN, M.J.; Vereenigde, Johan de Witt-  
laan 7, NL-2517 JR Den Haag (NL).

(22) International Filing Date:  
8 January 2010 (08.01.2010)

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,  
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,  
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,  
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,  
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,  
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,  
NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD,  
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
09151348.1 26 January 2009 (26.01.2009) EP

(71) Applicant (for all designated States except US): NED-  
ERLANDSE ORGANISATIE VOOR TOEGEPAST-  
NATUURWETENSCHAPPELIJK ONDERZOEK  
TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft  
(NL).

(72) Inventors; and

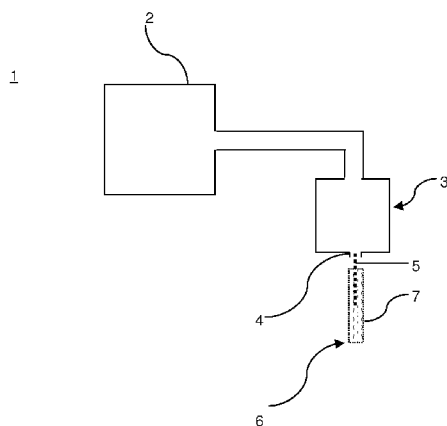
(75) Inventors/Applicants (for US only): HOUBEN, René  
Jos [NL/NL]; Hoge Notte 49, NL-6031 HW Nederweert  
(NL). BROUWERS, Leonardus Antonius Maria  
[NL/NL]; Sint Antoniusstraat 2a, NL-5954 NB Beesel  
(NL). OOSTERHUIS, Gerrit [NL/NL]; Salderes 19,  
NL-5682 EN Best (NL). VERHOEVEN, Frits [NL/NL];  
Telemannlaan 144, NL-5653 AR Eindhoven (NL).

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,  
TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,  
MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM,  
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: EFFECTIVE DROPLET DRYING

Figure 1



(57) Abstract: In one aspect, the invention provides a system and method for spray drying a fluid. The system comprises a fluid reservoir (2), a spraying device (3) that comprises at least one outflow opening (4) for projecting droplets of fluid (5) from the reservoir (2) out of the at least one outflow opening (4) and at least one energy source (6) for at least partially drying the droplets. The spraying device (3) is arranged to project the droplets into a determinable droplet trajectory and the at least one energy source (6) is arranged for providing energy focused substantially on the droplet trajectory. It is an object of the invention to provide a system and method for reducing the amount of energy required for spray drying.

WO 2010/085143 A3



**Published:**

**(88) Date of publication of the international search report:**

13 January 2011

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

## INTERNATIONAL SEARCH REPORT

International application No

PCT/NL2010/050006

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> INV. B01J2/02 ADD.		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) B01J		
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		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 250 164 A (ICI PLC [GB]) 23 December 1987 (1987-12-23) claims 1,9,10; figure 1	1-15
A	US 2002/113151 A1 (FORBER JONES ROBIN M [US] ET AL FORBES JONES ROBIN M [US] ET AL) 22 August 2002 (2002-08-22) claim 1; figures 1-3	1-15
A	US 4 795 330 A (NOAKES TIMOTHY J [GB] ET AL) 3 January 1989 (1989-01-03) claim 1; figures 1,3	1-15
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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Date of the actual completion of the international search  9 November 2010		Date of mailing of the international search report  18/11/2010
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040. Fax: (+31-70) 340-3016		Authorized officer  Gilliquet, J

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/NL2010/050006

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