

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 July 2010 (08.07.2010)

PCT

(10) International Publication Number
WO 2010/077720 A3

(51) International Patent Classification:

C08L 33/04 (2006.01) **B65D 83/14** (2006.01)
C09J 133/04 (2006.01)

(21) International Application Number:

PCT/US2009/067276

(22) International Filing Date:

9 December 2009 (09.12.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/141,562 30 December 2008 (30.12.2008) US

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(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, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(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).

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))

Published:

- 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))

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

23 September 2010

(54) Title: ACRYLIC BLOCK COPOLYMERS FOR AEROSOLS AND AEROSOL ADHESIVES

(57) Abstract: An aerosol is described comprising a composition comprising an acrylic block copolymer, a solvent, and a propellant. An article is described comprising the aerosol contained within a pressurized containment vessel comprising a valve. An aerosol mist is also described comprising droplets of an adhesive composition, wherein the adhesive composition comprises an acrylic block copolymer, a glass transition temperature modifier, and optionally an additive.



WO 2010/077720 A3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/067276**A. CLASSIFICATION OF SUBJECT MATTER***C08L 33/04(2006.01)i, C09J 133/04(2006.01)i, B65D 83/14(2006.01)i*

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)

C08L 33/04; A61K 7/00; A61K 7/06; A61K 7/11; A61K 9/00

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)

eKOMPASS(KIPO internal), Google & keywords : acrylic block copolymer, aerosol, rosin.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,410,005 B1 (GALLEGUILLOS, RAMIRO et al.) 25 Jun. 2002 See abstract; column 3, lines 30-51, column 4, lines 19-43; column 9, lines 60-65; column 12, lines 9-11; column 14, lines 11-19; column 18, lines 19-65; column 20, lines 64-66; column 21, lines 1-19.	1-3,25
A	US 2004/0009136 A1 (DUBIEF, CLAUDE et al.) 15 Jan. 2004 See the whole document.	1-3,25
A	US 2005/0220723 A1 (BENABDILLAH, KATARINA et al.) 06 Oct. 2005 See the whole document.	1-3,25
A	US 2005/0095207 A1 (BELLI, EMMANUELLE) 05 May 2005 See the whole document.	1-3,25



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"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

"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

"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

"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

"&" document member of the same patent family

Date of the actual completion of the international search

21 JULY 2010 (21.07.2010)

Date of mailing of the international search report

22 JULY 2010 (22.07.2010)

Name and mailing address of the ISA/KR

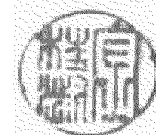
Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

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Telephone No. 82-42-481-5538



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2009/067276**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 6, 10, 16, 20 and 22
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

Claims 6, 10, 16, 20 and 22 are a singularly dependent claim which depends from multiple dependent claim. The reference to these claims is unclear. Therefore, it is not possible to carry out a meaningful search on these claims.
3. ☒ Claims Nos.: 4, 5, 7-9, 11-15, 17-19, 21,23 and 24
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2009/067276

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