



(51) International Patent Classification:

C09J 7/02 (2006.01) G09F 3/10 (2006.01)  
C09J 5/02 (2006.01)

(21) International Application Number:

PCT/US2012/023964

(22) International Filing Date:

6 February 2012 (06.02.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/440,384 7 February 2011 (07.02.2011) US  
13/294,545 11 November 2011 (11.11.2011) 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, QA, RO, RS, RU, RW, 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.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, 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, RS, 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(H))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(in))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))

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

27 June 2013



(54) Title: FLUID ACTIVATABLE ADHESIVES AND FLUIDS FOR ACTIVATING SAME FOR USE WITH LINER-FREE LABELS

(57) Abstract: Fluid activatable adhesive compositions and activating fluid(s) for activating the adhesive composition are described herein. The adhesive compositions contain at least two polymers with different hydrophilicities. The hydrophilic polymer has quick tack when exposed to a hydrophilic solvent, such as water or other aqueous solvent, while the hydrophobic polymer provides strong adhesion to a paper or polymeric substrate. The adhesive composition may contain particulate fillers which enable fast exhaustion of the activation fluid out of the adhesive when applied to a substrate, thereby allowing the hydrophobic polymers of the adhesive composition to achieve strong adhesion of the liner-free label to the paper or polymeric substrate. The particulate fillers may also function as anti-blocking agents when liner-free label media are tightly wound in a roll. The adhesive compositions described herein may be used not only on paper, cardboard, and metal, but also on glass and plastics commonly used in commercial applications.

**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/US2012/023964

A. CLASSIFICATION OF SUBJECT MATTER  
 INV. C09J7/02 C09J5/02 G09F3/10  
 ADD.  
 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)  
 C09J G09F

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)  
 EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 333 710 A (ICI LTD) 17 October 1973 (1973-10-17) page 3, lines 7-14; claims 1-20; examples 1-16 -----	1-5 ,9-17
X	wo 99/19412 A1 (PROCESS RESOURCES CORP [US]) 22 April 1999 (1999-04-22) page 9, lines 5-17 ; examples 1-13 , 17 , 18,24 -----	1, 2,4,5 , 9-17
A	wo 02/14448 A2 (3M INNOVATIVE PROPERTIES CO [US]) 21 February 2002 (2002-02-21) the whole document -----	1-20

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

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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Date of the actual completion of the international search  27 February 2013	Date of mailing of the international search report  18/03/2013
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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  Sperry, Pascal
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2012/023964
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