

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 April 2009 (30.04.2009)

PCT

(10) International Publication Number
WO 2009/054621 A3

(51) International Patent Classification:
C09D 11/00 (2006.01)

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(21) International Application Number:
PCT/KR2008/005850

(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, 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, 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, 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.

(22) International Filing Date: 6 October 2008 (06.10.2008)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2007-0107608 25 October 2007 (25.10.2007) KR

(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, MT, NL,
NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,
CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
2 July 2009

(54) Title: THE COMPOSITION OF DECOLORABLE INK AND DECOLORING METHOD

(57) Abstract: The present invention is a method which erase information printed on a recording medium if necessary and thus reuse the recording medium, and includes 1) decolorable ink compositions which are not erased during the use but erased by a dye readily decolorable by a decolorant, 2) a decolorant composition including a thermal initiator or photoinitiator, and 3) a method for coating the decolorant and applying heat or irradiating UV to erase the dye. According to the present invention, it is possible to prepare various writing inks, and particularly, when applied to recording medium with a magnetic stripe as well as the general purpose papers, it is possible to reduce the production cost significantly, obtain a large import substitution effect of the magnetic ink all of which are imported, and largely reduce the environmental pollution.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2008/005850**A. CLASSIFICATION OF SUBJECT MATTER***C09D 11/00(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)

IPC C09D 11

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS (KIPO internal)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 09-286979 A, (SAKURA COLOR PROD CORP) 04 November 1997 (04.11.1997) see the abstract, paragraphs [0007], [0014], [0017], [0020], [0021], claims 1 and 5.	1-4
A	US 2005-158471 A1, (SANFORD L P), 21 July 2005 (21.07.2005) see the abstract, paragraphs [0014] and [0015], claim 50.	1-21
A	US 2005-0011404 A1, (SANFORD L P), 20 January 2005 (20.01.2005) see the abstract, paragraphs [0004] and [0014], claims 34 and 37.	1-21
A	JP 07-304984 A, (FUJITSU ISOTEC LTD) 21 November 1995 (21.11.1995) see the abstract, claims 1-5.	1-21



Further documents are listed in the continuation of Box C.



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Date of the actual completion of the international search

20 MAY 2009 (20.05.2009)

Date of mailing of the international search report

21 MAY 2009 (21.05.2009)

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

JOUNG, Meyoung Ju

Telephone No. 82-42-481-8493



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2008/005850

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