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AO, AT, AU, AZ, BA, BB, BG, BH, BN, 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.

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(54) Title: PROCESS FOR DRY-COATING OF FLEXOGARPHIC SURFACES

(57) Abstract: The invention relates to a process for dry, solvent free, transfer of solid material onto a flexographic plate.

INTERNATIONAL SEARCH REPORT

International application No PCT/IL2012/050323
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A. CLASSIFICATION OF SUBJECT MATTER
INV. G03F7/11 G03F7/16 G03F7/20
 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)
G03F

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 , WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 927 709 A (PARKER TIM [US] ET AL) 22 May 1990 (1990-05-22)	1-4,6, 8-12 , 14-16, 33,34, 36,37
Y	col umn 5, l i nes 29-45 ; cl aims 1,2,12	5,7,13 , 17-28,35
A	-----	29-32
X	EP 0 854 389 A1 (CORNING INC [US]) 22 July 1998 (1998-07-22)	1-4,8
Y	cl aims 1,12,16; examples 1,4	5-7 ,9-18
X	US 2003/143473 A1 (GOTO HIDENORI [JP]) 31 July 2003 (2003-07-31)	1-4
Y	paragraph [0123] ; cl aims 1-8	8
	----- -/- .	

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

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 30 January 2013	Date of mailing of the international search report 22/04/2013
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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 Thi el e , Norbert
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INTERNATIONAL SEARCH REPORT

International application No

PCT/IL2012/050323

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 389 480 A (FRANKE WERNER [DE] ET AL) 21 June 1983 (1983-06-21) column 2, lines 42-54; claim 1 -----	1,2
X	EP 1 637 322 A2 (AGFA GEVAERT [BE] AGFA GRAPHICS NV [BE]) 22 March 2006 (2006-03-22)	1,2,19, 33,34,37
Y	paragraphs [0110] - [0112], [0133]; claims 1,7,8 -----	20-28,35
Y	W0 2010/086850 A2 (DIGI FLEX LTD [IL]; FRENKEL MOSHE [IL]; MAZUZ YAACOV [IL]; BEREZIN OLEG) 5 August 2010 (2010-08-05) page 7, line 17 - page 8, line 7; claims 1-6; table 1 -----	1-28, 33-35,37
Y	US 2004/244643 A1 (VOEGHT FRANK DE [BE] ET AL DE VOEGHT FRANK [BE] ET AL) 9 December 2004 (2004-12-09) paragraphs [0059], [0182], [0183]; claims 6-8 -----	1-27, 33-35,37
Y	US 2006/075917 A1 (EDWARDS PAUL A [US]) 13 April 2006 (2006-04-13) paragraphs [0015] - [0017], [0026] - [0028]; claims 1,2,10,11 -----	19
Y	JP 2006 082539 A (YOSHIDA INDUSTRY CO) 30 March 2006 (2006-03-30) abstract -----	1-4,19
Y	EP 1 239 329 A2 (DU PONT [US]) 11 September 2002 (2002-09-11) claims 1,10,11 -----	1-4,19
A	W0 2005/106597 A2 (FLEXOGRAPHIC PREPRESS SOLUTION [US]; HERMESDORF MARK [US]) 10 November 2005 (2005-11-10) cited in the application claim 1; figure 1 -----	19
L	US 2002/046668 A1 (BELL MICHAEL [US] ET AL) 25 April 2002 (2002-04-25) paragraphs [0012], [0039], [0047] -----	19

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL2012/050323

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.:
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:

3. Claims Nos.:
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:

see additional sheet

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 fees, this Authority did not invite payment of additional fees.

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. :

1-37

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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-37

A process for transferring an ink-receptive solid material from a sacrificial layer onto a flexographic material surface, which may be followed by an ink pattern formation on the ink-receptive layer preferably by inkjet printing.

2. claims: 38-42

A formulation/composition consisting of a wetting agent and a multi-valent salt, an acid, an acidic buffer solution or a poly-cationic polymer, a component only characterized by a result to be achieved (should enable the transfer of a solid film onto a flexographic plate surface), and further optional components.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IL2012/050323

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/IL2012/050323
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