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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
19 October 2006 (19.10.2006)

PCT

(10) International Publication Number
WO 2006/109343 A3

(51) International Patent Classification:
H01L 21/027 (2006.01) *G03F 7/004* (2006.01)

(21) International Application Number:
PCT/IT2006/000242

(22) International Filing Date: 11 April 2006 (11.04.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MI2005A 000616 12 April 2005 (12.04.2005) IT

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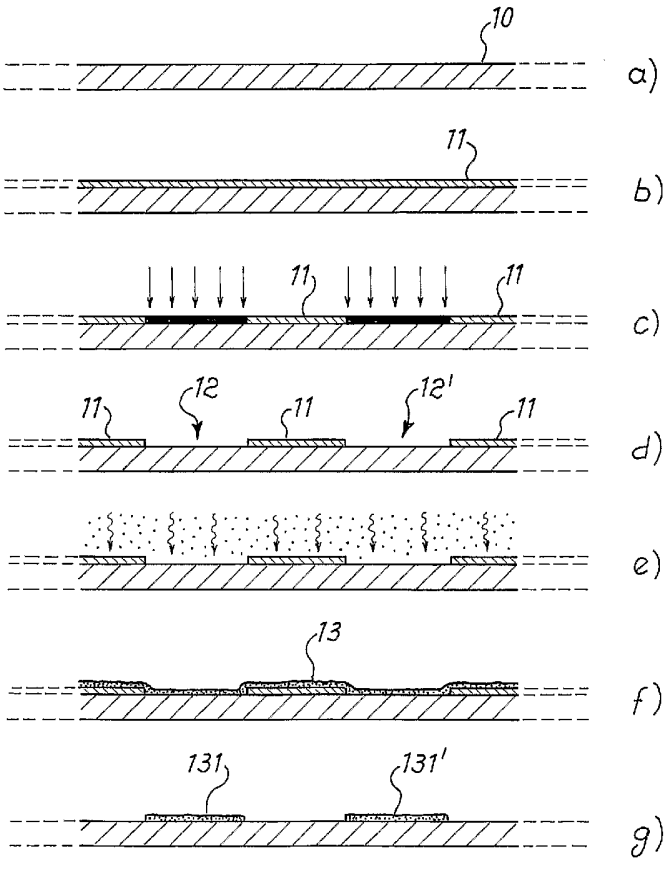
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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: PROCESS FOR THE FORMATION OF MINIATURIZED GETTER DEPOSITS AND GETTERDEPOSITS SO OBTAINED



(57) Abstract: A process for the formation of miniaturized getter deposits is described, comprising the steps of: forming a layer (11) of a photosensitive polymeric material on a support (10); selectively exposing the polymeric layer in order to cause a chemical modification in a portion of the polymeric layer; removing with a solvent only one between the previously exposed or the not previously exposed portion of the polymeric layer, thus forming cavities (12, 12', ...) in the polymeric layer; forming a thin layer (13) of a getter material through cathodic deposition at the bottom of said cavity and on the residual polymer; and removing with a second solvent the polymer portion not removed by the first solvent, leaving at least a getter material deposit (131, 131', ...; 20) on the support surface. The invention also relates to miniaturized getter deposits obtained through this process.

WO 2006/109343 A3

Published:
— *with international search report*

(88) Date of publication of the international search report:
14 December 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No
PCT/IT2006/000242

A. CLASSIFICATION OF SUBJECT MATTER
INV. H01L21/027 G03F7/004

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)
H01L 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 practical, 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.
A	WO 03/043062 A (TRIKON HOLDINGS LIMITED; O'SULLIVAN, JAMES, FRANCIS; BURGESS, STEPHEN,) 22 May 2003 (2003-05-22) claim 1	1
A	EP 0 341 843 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 15 November 1989 (1989-11-15) claim 1	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
20 September 2006	27/09/2006

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IT2006/000242

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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