

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number
WO 2005/104637 A1

(51) International Patent Classification⁷: **H05K 3/12**,
B41J 11/00, H01L 21/027, G03F 7/20

Petrus [NL/NL]; Sedanlaan 24, NL-5627 MT Eindhoven (NL).

(21) International Application Number:
PCT/NL2005/000298

(74) Agent: **WINCKELS, J., H., E.**; Johan de Wittlaan 7,
NL-2517 JR Den Haag (NL).

(22) International Filing Date: 22 April 2005 (22.04.2005)

(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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, 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.

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1026013 23 April 2004 (23.04.2004) NL
1026880 19 August 2004 (19.08.2004) NL

(71) Applicant (*for all designated States except US*): **OTB GROUP B.V.** [NL/NL]; Luchthavenweg 10, NL-5657 EB Eindhoven (NL).

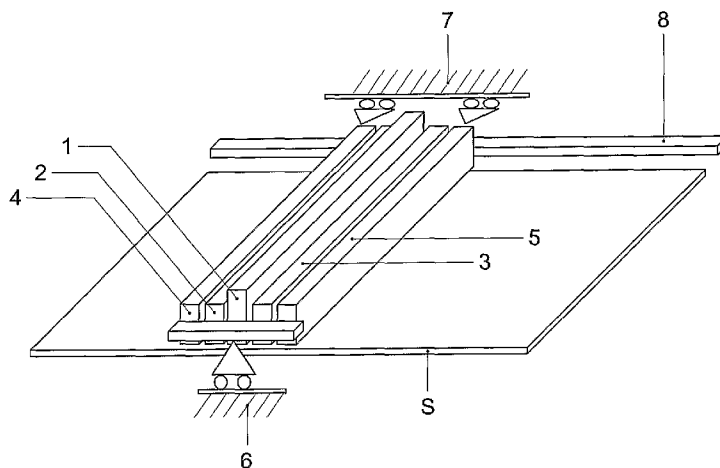
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **EVERS, Marinus, Franciscus, Johannes** [NL/NL]; Ginderover 33, NL-5591 JM Heeze (NL). **BRIËR, Peter** [NL/NL]; Barneveldstraat 17, NL-5651 AD Eindhoven (NL). **DU PAU, Cornelis**,

(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, 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: METHOD AND APPARATUS FOR ACCURATELY APPLYING STRUCTURES TO A SUBSTRATE



(57) Abstract: A method wherein a substrate is provided, wherein, in a scanning step, structures already applied to the substrate are detected by at least one scanning provision of a processing head, wherein the processing head is provided with at least one lighting provision, which lighting provision locally lights the applied lacquer structure in a lighting step by using the information obtained with the scanning step. Further, an apparatus for carrying out the method is described, which apparatus is provided with a processing head which is which is movable relative to a substrate carrier, wherein the processing head comprises at least one scanning provision and at least one lighting provision.

WO 2005/104637 A1



Published:

— with international search report

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.