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 EN MATERIA DE PATENTES (PCT)



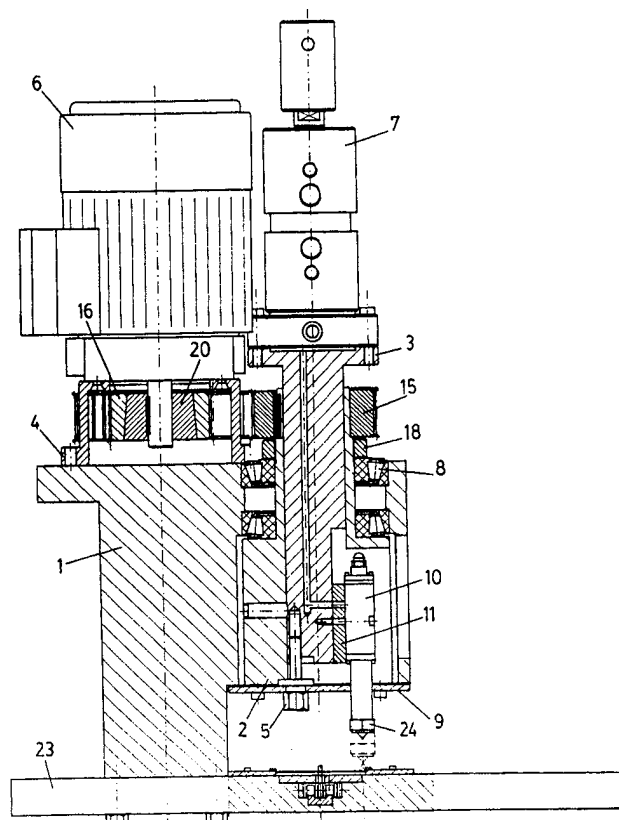
(51) Clasificación Internacional de Patentes ⁶ : B05C 5/02, B05B 13/02, 13/04, B21D 51/46	A3	(11) Número de publicación internacional: WO 99/04905 (43) Fecha de publicación internacional: 4 de Febrero de 1999 (04.02.99)
(21) Solicitud internacional: PCT/ES97/00225 (22) Fecha de la presentación internacional: 12 de Septiembre de 1997 (12.09.97) (30) Datos relativos a la prioridad: P 9701621 21 de Julio de 1997 (21.07.97) ES (71)(72) Solicitante e inventor: PEÑALVER GARCIA, José [ES/ES]; Pol. Ind. El Tapiado, E-30500 Molina de Segura (ES). (74) Mandatario: ESTEBAN PEREZ-SERRANO, M ^a Isabel; Explanada, 8, E-28040 Madrid (ES).	(81) Estados designados: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, Patente ARIPO (GH, KE, LS, MW, SD, SZ, UG, ZW), Patente euroasiática (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Patente europea (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), Patente OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Publicada <i>Con informe de búsqueda internacional.</i> (88) Fecha de publicación del informe de búsqueda internacional: 27 de mayo de 1999 (27.05.99)	

(54) Title: MACHINE FOR VARNISHING EASY-TO-OPEN COVERS

(54) Título: MAQUINA REBARNIZADORA DE TAPAS DE APERTURA FACIL

(57) Abstract

A simple or double head applies varnish to the covers in a circular motion and conical projection with adjustable height by means of a varnishing gun (10) which can be provided with an additional separator of variable thickness according to the covers; it also comprises a cover conveyor device provided with another motor, an intermittent rotation box (29) at the outlet, and a supply box (37) which actuates a cover positioning device and a dosing blade (40) which collects, separates and inserts the covers in a groove of the positioning device (39) for their supply to the conveyor device.



INTERNATIONAL SEARCH REPORT

International Application No
PCT/ES 97/00225

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 B05C5/02 B05B13/02 B05B13/04 B21D51/46

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 6 B05C B05B B21D

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 888 768 A (METAL CLOSURES LIMITED) 7 February 1962 see page 2, line 72 - line 128; figures 1,3	1
A	GB 2 269 122 A (PEÑALVER) 2 February 1994 see the whole document	1
A	FR 2 723 861 A (PEÑALVER) 1 March 1996 see the whole document	1
A	US 4 498 415 A (TSUCHIYA ET AL.) 12 February 1985 see abstract; figures 2-4	1
A	US 3 094 254 A (CULLEN) 18 June 1963 see the whole document	1

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

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

27 February 1998

Date of mailing of the international search report

01.03.99

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