

PCT ORGANIZACION MUNDIAL DE LA PROPIEDAD INTELECTUAL
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(51) Clasificación Internacional de Patentes ⁶ : A61B 5/117	A1	(11) Número de publicación internacional: WO 00/65997 (43) Fecha de publicación internacional: 9 de Noviembre de 2000 (09.11.00)		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top; border-right: 1px solid black; padding: 5px;"> (21) Solicitud internacional: PCT/ES99/00112 (22) Fecha de la presentación internacional: 29 de Abril de 1999 (29.04.99) (71)(72) Solicitante e inventor: JIMENEZ MALDONADO, Julio [ES/ES]; Calle San Pascual, Nº 37 – 3º, E-30510 Yecla (ES). </td> <td style="width: 50%; padding: 5px;"> (81) Estados designados: US, Patente europea (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Publicada <i>Con informe de búsqueda internacional.</i> </td> </tr> </table>			(21) Solicitud internacional: PCT/ES99/00112 (22) Fecha de la presentación internacional: 29 de Abril de 1999 (29.04.99) (71)(72) Solicitante e inventor: JIMENEZ MALDONADO, Julio [ES/ES]; Calle San Pascual, Nº 37 – 3º, E-30510 Yecla (ES).	(81) Estados designados: US, Patente europea (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Publicada <i>Con informe de búsqueda internacional.</i>
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(54) Title: FINGERPRINT REVEALER FOR PAPILLARY RIDGES (54) Título: REVELADOR DE HUELLAS DACTILARES PARA CRESTAS PAPILARES (57) Abstract The invention relates to a fingerprint revealer for papillary ridges containing a compound consisting of iron filings as basic product sifted in various thickness (from 0.45 mm to a clean powder) and any type of organic or inorganic pigment, either in the form of titanium, ivory black or lamp black, etc. according to the specific characteristics of the support on which the fingerprint to be revealed is located. The revealer is applied on the surface of the support using the magnetic brush and the fingerprint with its papillary ridges is clearly exposed for photographing. If it is necessary to augment the fingerprint and the papillary ridges, the fingerprint is then cleaned or combed . To this end, the iron filing basic product is applied with the magnetic brush without using any type of pigment. (57) Resumen Revelador de huellas para crestas papilares: El revelador está compuesto del producto base de ferrija de hierro tamizada en diferentes grosores, (desde 0,45 mm hasta polvo limpio) y de pigmento, de cualquier clase, orgánico e inorgánico, ya sea en la variante de titanio, de negro marfil o en la versión de negro humo, etc. según las características específicas del soporte en el que se encuentre la huella a revelar. Se aplica el revelador con el pincel magnético en la superficie del soporte, la huella con sus crestas papilares aparece nítida para ser fotografiada. Si se necesita potenciar la huella y las crestas papilares, se limpia la huella, es decir, se "peina", para ello se aplica con el pincel magnético el producto base compuesto de ferrija, sin ningún tipo de pigmento.				

INTERNATIONAL SEARCH REPORT

International application No
PCT/ ES 99/00112

A. CLASSIFICATION OF SUBJECT MATTER :
IPC6 A 61B 5/117

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)
IPC6 A61B 5/117, 5/10, G06K9, G03G

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)
EPODOC, WPI, CIBEPAT, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2059347 A (J.M. PAYNE) 23 April 1981 (23.04.81); page 1, lines 47-61; page 2, lines 32-42	1
A	WO 9533406 A (JASZ-NAGYKUN-SZOLNOK MEGYEI RENDÖR- FOKAPITANYSAG) 14 December 1995 (14.12.95); the whole document	1
A	WO 9015573 A (THE UNITED STATES DEPARTEMENT OF ENERGY) 27 December 1990 (27.12.90)	1

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Further documents are listed in the continuation of Box C.

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See patent family annex.

* Special categories of cited documents:

- “A” document defining the general state of the art which is not considered to be of particular relevance
- “E” earlier document but published on or after the international filing date
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- “O” document referring to an oral disclosure, use, exhibition or other means
- “P” document published prior to the international filing date but later than the priority date claimed

- “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
- “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
- “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
- “&” document member of the same patent family

Date of the actual completion of the international search report
27 December 1999 (27.12.99)

Date of mailing of the international search report
20 January 2000 (20.01.00)

Name and mailing address of the ISA/
S.P.T.O

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