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(21) Solicitud internacional: PCT/ES98/00137 (22) Fecha de la presentación internacional: 13 de Mayo de 1998 (13.05.98) (30) Datos relativos a la prioridad: U 9701321 13 de Mayo de 1997 (13.05.97) ES (71)(72) Solicitante e inventor: FRUCTUOSO SAURA, Francisco [ES/ES]; Calle Cánovas del Castillo, 7, 4ºA, E-30003 Murcia (ES).	(81) Estados designados: AT, CA, CH, CN, DE, DK, FI, GB, IL, JP, LU, MX, PT, SE, 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> <i>Antes de la expiración del plazo previsto para la modificación de las reivindicaciones, será publicada nuevamente si se reciben modificaciones.</i>	

(54) Title: METAL FITTING FOR LEVEL HANGING OF FRAMES OR SMALL OBJECTS

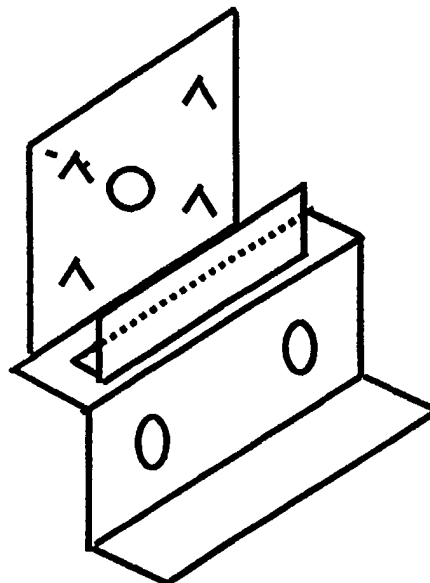
(54) Título: HERRAJE PARA COLGAR CUADROS O PEQUEÑOS OBJETOS A NIVEL

(57) Abstract

The invention relates to the systems for hanging paintings, frames or any such small object. The technical problem addressed is the stability of such fixing systems in order to maintain a fixed level of the object and at the same time drilling only one hole into the wall thereby avoiding the need to make various holes in order to hang and fix one painting or frame to the wall. To this effect, the invention comprises a pair of metal fittings which are shaped as a rectangular folded plate and which are couplable to each other by means of a longitudinal groove in order to reduce the swinging movements between the parts. Also, in order to avoid the oscillation of the anchoring point, the latter has protuberances which penetrate into the wall when tightening the screw and thereby block the position of the metal fitting in a preferably horizontal position. The metal fitting can be easily fabricated by punching or pressing of metal materials or injected plastic material. It is mainly intended to hang frames such as paintings or the like at any location and provides for their easy interchange without having to move them during cleaning.

(57) Resumen

La invención reivindicada pertenece al sector técnico de los anclajes para cuadros o pequeños objetos. El problema técnico que pretende resolver es el de conseguir un sistema de fijación estable que permita mantener un nivel fijo efectuando un sólo orificio en la pared evitando la necesidad de hacer varios agujeros para colocar fijo un cuadro. La esencia de la invención consiste en un par de herrajes, con forma de plantilla rectangular, plegada, acoplables entre sí a través de una ranura longitudinal que permite pocos movimientos de balanceo entre las piezas; así mismo para evitar la oscilación del punto de anclaje éste presenta unos salientes que se clavan en la pared al apretar el tornillo y bloquean la posición en que se coloque el herraje, preferentemente horizontal. De fácil fabricación mediante troquelados metálicos o plásticos injectados, su uso principal es para colgar cuadros en todo tipo de lugares y permitir su intercambio fácilmente y que no se muevan al limpiarlos.



INTERNATIONAL SEARCH REPORT

International application No.
PCT /ES 98/00137

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁶ A47G 1/16

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 A47G

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)

CIBEPAT, EPODOC, PAJ, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2483114 A (VAN SCHOOR & DELBERT) 27 September 1949 (27.09. 49) the whole document.	1
A	GB 609691 A (DOWNHAM & CO) 5 October 1948 (05.10.48) Figures 1-4	1
A	FR 628178 A (DUJARDIN) 19 October 1927(19.10.27) the whole document.	1
A	GB 188468 A (TAYLOR) 16 November 1922 (16.11.22) Figures	1

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

* Special categories of cited documents:

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Date of the actual completion of the international search

3 September 1998 (03.09.98)

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