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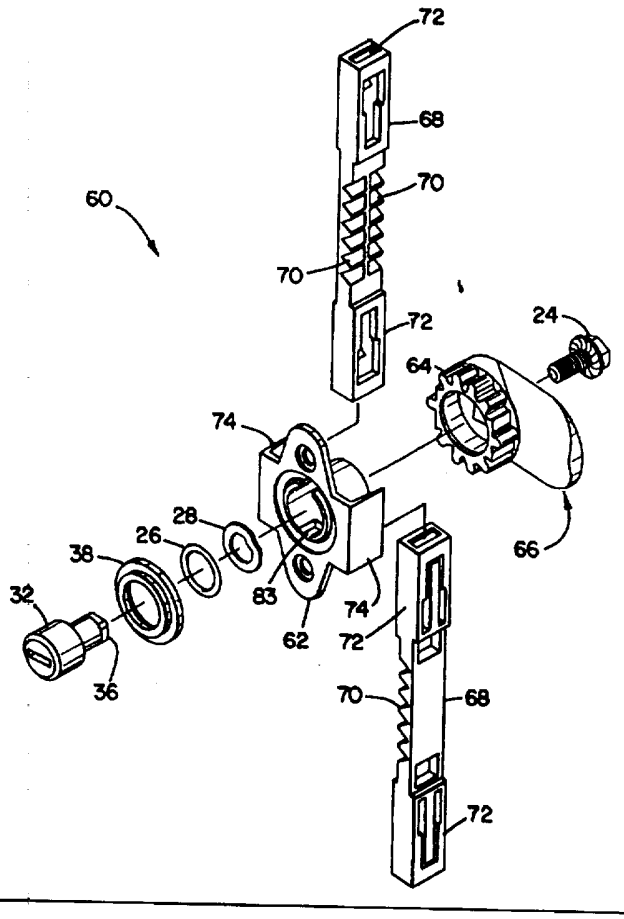
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(88) Date of publication of the international search report:
5 October 1995 (05.10.95)

(54) Title: ENCLOSURE LATCH

(57) Abstract

A latch for securing a cover or door to an enclosure provides a dust and water tight seal. The latch (60) has a housing (62) in which an activator (32) is rotatably mounted. The latch housing (62) has a depression formed in one of its surfaces. A gasket (38) is designed to fit in the depression providing a seal between the activator (32) and the housing (22). In the preferred embodiment the latch is a quarter-turn latch. The rotation of the latch is limited between a locked and unlocked position substantially 90° apart.



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INTERNATIONAL SEARCH REPORT

Inter nal Application No
PCT/US 95/00881

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 E05C3/04 E05C9/04

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 E05C E05B

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.
X Y	DE,U,86 25 578 (RAMSAUER) 28 January 1988 see page 5, paragraph 2 see page 19, paragraph 3 - page 20, paragraph 1 see figures 36,37	1,2 3,15
Y	EP,A,0 446 566 (GIESSE S.P.A.) 18 September 1991 see	3
Y	DE,C,730 944 (NOFEN) 24 December 1942 see the whole document	15
A	EP,A,0 175 211 (RAMSAUER) 26 March 1986 see the whole document	1-3,15
A	CH,A,190 669 (SCHMIDT) 16 July 1937 see the whole document	1-3,15

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
23 May 1995	05.09.95
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl, Fax (+ 31-70) 340-3016	Authorized officer VESTIN K.

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INTERNATIONAL SEARCH REPORT

Intern ıal Application No
PCT/US 95/00881

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US,A,3 110 512 (SCALF ET AL) 12 November 1963 see the whole document	1-3,15
A	DE,A,34 45 170 (ERRETI S.R.L.) 12 September 1985 see the whole document	1-3,15
A	DE,C,638 049 (FIRMA HEINR. DOMININGHAUS) 9 November 1936 see the whole document	1-3,15
A	FR,A,1 493 446 (ETABLISSEMENTS JEAN MASSARD) 24 July 1967 see the whole document	1-3,15
A	DE,U,91 04 325 (EMKA BESCHLAGTEILE GMBH & CO. KG) 6 August 1992 see the whole document	1,15
A	EP,A,0 491 133 (SIEGENIA FRANK KG) 24 June 1992 see	1-3,15

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INTERNATIONAL SEARCH REPORT

I. ıational application No.
PCT/US95/00881

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observa.. ns where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see annex

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☐ As all searchable claims could be searches without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-3, 15

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No. PCT/US95/00881

FURTHER INFORMATION CONTINUED FROM PCT/ISA/210

1.- claims 1-3 and 15: Increased security by multi-point locking

2.- claims 4-7: Adaption of the latch to different cam member movements.

3.- claim 8: Certain aspects of the sealing between housing and actuator.

4.- claims 9-14: Preventing the unauthorised use of a handle mounted to the actuator.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Interr ial Application No
PCT/US 95/00881

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
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		ES-T-	2050417	16-05-94
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