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(11)

EP 1 314 840 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
04.08.2004 Bulletin 2004/32

(51) Int Cl.7: **E05B 47/02**, E05B 63/14,
E05C 19/02, E05B 15/10

(43) Date of publication A2:
28.05.2003 Bulletin 2003/22

(21) Application number: **02025753.1**

(22) Date of filing: **15.11.2002**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SK TR**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **19.11.2001 IT UD20010187**

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(54) Clamping device for the doors of industrial machines

(57) Clamping device (10) for an openable door (13) of an industrial machine equipped with a frame (12), and comprising first mating connecting means (20, 21) for a first clamping of the door (13) to the frame (12), and second mechanical closing means (30) including a selectively movable fastening element (31) associated with the frame (12) and able to be inserted in a mating seating (23) provided on the door (13). The fastening ele-

ment (31) is associated with an actuator element (35) able to move it from an inactive position to an active clamping position wherein one operative end (32) thereof cooperates with the seating (23). The actuator element (35) is arranged offset with respect to the axis of movement of the fastening element (31) and at a distance from the operative end (32) such that it can be located in a position not directly interfering with the front edge of the frame (12).

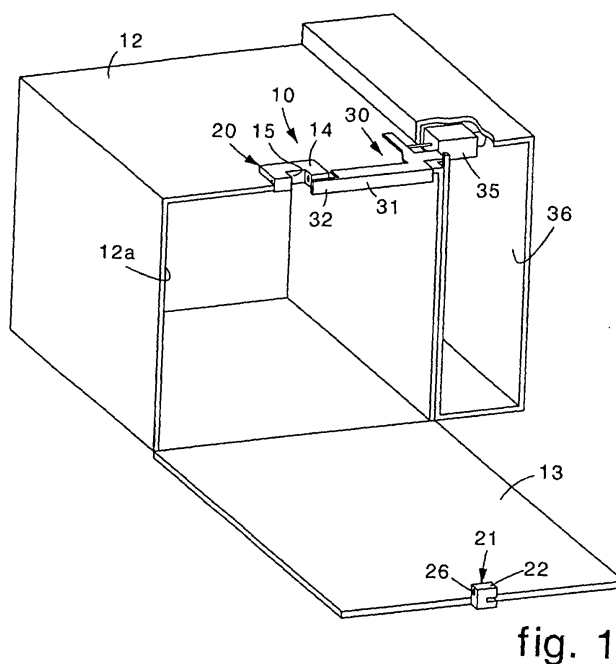


fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 02 02 5753

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	US 2 535 947 A (ARTHUR NEWELL) 26 December 1950 (1950-12-26) * column 2, line 26 - line 30 * * column 2, line 52 - line 56 * * column 3, line 12 - line 28 * * figures 1-5 *	1	
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 June 2004	Examiner Bitton, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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15-06-2004

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