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(11)

EP 2 549 039 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
20.03.2013 Bulletin 2013/12

(51) Int Cl.:
E05D 11/10 (2006.01)

(43) Date of publication A2:
23.01.2013 Bulletin 2013/04

(21) Application number: 12004948.1

(22) Date of filing: 03.07.2012

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**
Designated Extension States:
BA ME

(30) Priority: 20.07.2011 IT ME20110012

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(54) Hinge with mechanical-automatic unlock

(57) An hinge is described, adapted to allow locking and unlocking moving frames, due to a mechanical-automatic feature that operates as blind-locker, window-locker, door-locker; the hinge is composed of a male hinge (1) component and a female hinge (2) component adapted to be operatively coupled with the male hinge (1) component, which is equipped with a pin (10) with ball bearing

(10') that is partially shaped and partially smooth, while the female hinge (2) component is equipped with a bush (50) shaped in order to allow, through its coupling with the pin (10), an on-off mechanical-automatic latch-type handling with consequent locking and unlocking of the moving frame in a plurality of positions in a rotation range of the moving frame around the hinge from 0° to 180°.

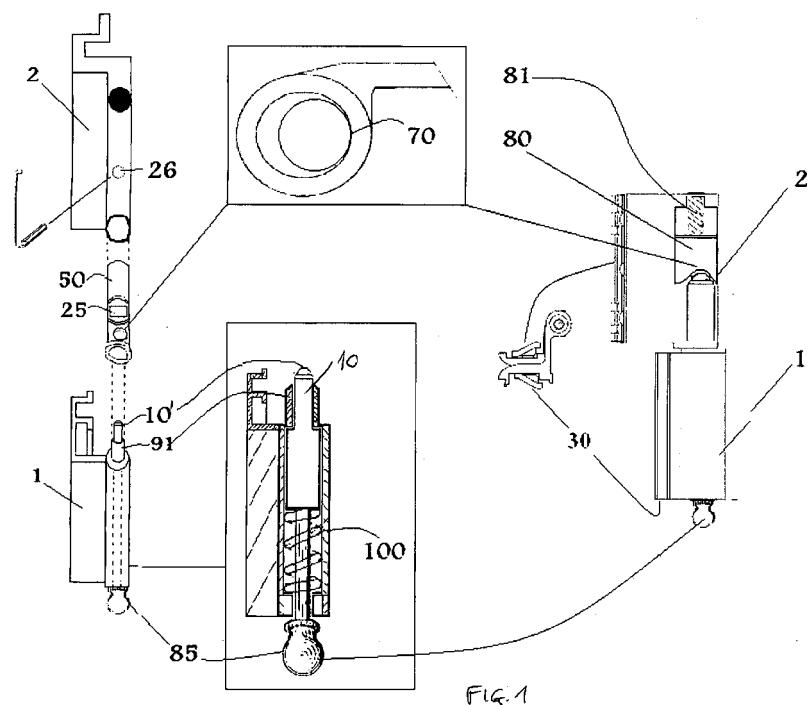


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 12 00 4948

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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Y	* page 1, lines 22-26,39-61 * * figure 1 *	7,10	
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			TECHNICAL FIELDS SEARCHED (IPC)
			E05D
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	The Hague	7 February 2013	Wagner, Andrea
CATEGORY OF CITED DOCUMENTS			
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			
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 12 00 4948

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07-02-2013

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