



Europäisches  
Patentamt  
European  
Patent Office  
Office européen  
des brevets



(11)

EP 1 602 793 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
30.07.2008 Bulletin 2008/31

(51) Int Cl.:  
E05D 5/02 (2006.01)

E05D 11/00 (2006.01)

(43) Date of publication A2:  
07.12.2005 Bulletin 2005/49

(21) Application number: 05104316.4

(22) Date of filing: 20.05.2005

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

(30) Priority: 04.06.2004 IT FI20040047

(72) Inventor: **Bellandi, Paolo**  
**51010, Uzzano (IT)**

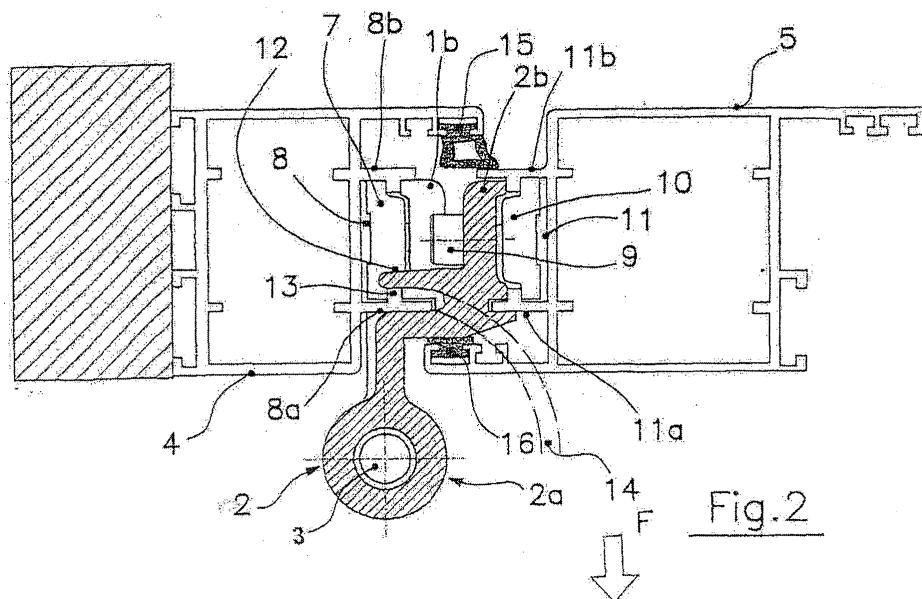
(74) Representative: **Bardini, Marco Luigi**  
**c/o Società Italiana Brevetti S.p.A.**  
**Corso dei Tintori, 25**  
**50122 Firenze (IT)**

(71) Applicant: **Euroinvest S.p.A.**  
**55011 Altopascio (LU) (IT)**

### (54) Burglar-proof hinge for doors and windows

(57) A burglar-proof hinge for rotatably connecting a wing (5) of a window/door of a room to the respective frame (4) comprising a first hinge element (1) connected to the frame (4) of the window/door, a second hinge element (2) connected to the wing of said window/door and a pin (3) pivotally connecting said first and said second hinge elements to each other. The frame has a lip (8a)

extending parallel to the median plane of said window/door at the second hinge element and on the side of the frame turning outwardly from the room and a fin (12) extends from the second hinge element, parallel to the median plane of the window/door, suitable for abutting from the inside on the edge when the window is in a closed condition and for opposing to any outward traction on the wing.





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	FR 2 444 773 A (GRP INDL MANUF MENUISERIE GRP INDL MANUF MENUISERIE [FR]) 18 July 1980 (1980-07-18) * figures * -----	1,3	INV. E05D5/02 E05D11/00
A	EP 1 176 278 A (FERCO INT USINE FERRURES [FR]) 30 January 2002 (2002-01-30) * figures * -----	1-3	
A	EP 0 659 967 A (ERRETI SRL [IT]) 28 June 1995 (1995-06-28) * figures * -----	2	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05D
The present search report has been drawn up for all claims			
2	Place of search	Date of completion of the search	Examiner
	The Hague	20 June 2008	Witasse-Moreau, C
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  
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 10 4316

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

20-06-2008

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
FR 2444773	A	18-07-1980	NONE		
EP 1176278	A	30-01-2002	AT 310882 T	15-12-2005	
			DE 60115160 D1	29-12-2005	
			DE 60115160 T2	03-08-2006	
			ES 2252176 T3	16-05-2006	
			FR 2812022 A1	25-01-2002	
EP 0659967	A	28-06-1995	ES 2119136 T3	01-10-1998	
			IT B0930244 U1	22-06-1995	