(11) **EP 1 036 899 A3** 

(12)

### **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **06.11.2002 Bulletin 2002/45** 

(43) Date of publication A2: **20.09.2000 Bulletin 2000/38** 

(21) Application number: 99830569.2

(22) Date of filing: 10.09.1999

(51) Int Cl.7: **E05B 1/00**, E05C 9/00, E05B 63/18, E05B 13/10, E05D 15/526

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 17.03.1999 IT BO990128

(71) Applicant: GSG INTERNATIONAL S.p.A. 40054 Budrio (Bologna) (IT)

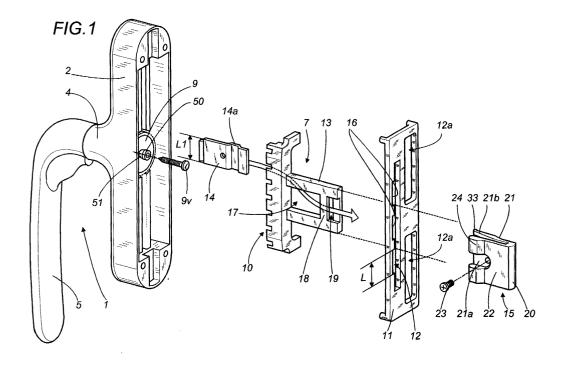
(72) Inventor: Lambertini, Marco 40068 San Lazzaro di Savena, Bologna (IT)

(74) Representative: Lanzoni, Luciano c/o BUGNION S.p.A.
Via Goito, 18
40126 Bologna (IT)

#### (54) A cremone bolt handle for doors and windows

(57) A cremone bolt handle envisages control parts (7) consisting of an actuator bar (13) projecting from an opening (12) in a base element (11) and attached to a corresponding rack defining an element (10) for supporting, connecting and driving the bar. The bar (13) has a pawl (14), attached at one end and rocking, thanks to means (15), in a direction perpendicular with the plane of the bar (13) in such a way as to assume a locking

position following a connection inside a seat (16) in the base element (11) and when the door or window is in an open configuration, that is to say, with a first part (3) of the door or window distanced from the second part (8) and, respectively, a bar (13) release position, when the door or window is in a closed configuration, that is to say, with the first part (3) moved towards the second part (8).





## EUROPEAN SEARCH REPORT

Application Number EP 99 83 0569

Category	Citation of document with indication, w of relevant passages	there appropriate,	Relevant to daim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
D,Y A i	EP 0 446 566 A (GIESSE S.F 18 September 1991 (1991-09 * the whole document *		10-12	E05B1/00 E05C9/00 E05B63/18		
Υ	GB 2 281 585 A (PLUS PLAN 8 March 1995 (1995-03-08) * the whole document *	(UK)LIMITED)	10-12	E05B13/10 E05D15/526		
A	DE 19 07 760 A (NOTTER) 1 October 1970 (1970-10-03 * the whole document *	1)	1			
A	GB 2 205 605 A (HASP INTER LIMITED) 14 December 1988 * the whole document *		10-12			
A	GB 2 200 944 A (HARDWARE & LIMITED) 17 August 1988 (1) * the whole document *		10-12			
A	GB 2 182 706 A (SECURISTYL 20 May 1987 (1987-05-20) * the whole document *	E LIMITED)	10-12	TECHNICAL FIELDS SEARCHED (Int.CI.7)		
A	US 5 634 357 A (NUTTER ET 3 June 1997 (1997-06-03) * the whole document *	10-12	E05B E05D			
	The present search report has been drawn	•				
Place of search THE HAGUE		Date of completion of the search 12 August 2002	Mac	Examiner tin, K		
X : part Y : part doci	ATEGORY OF CITED DOCUMENTS  icularly relevant if taken alone icularly relevant if combined with another ument of the same category innological background	F: theory or princip E: earlier patent do after the filling da D: document cited L: document cited	ele underlying the ocument, but publi ate in the application for other reasons	invention		



Application Number

EP 99 83 0569



# LACK OF UNITY OF INVENTION SHEET B

Application Number EP 99 83 0569

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-9, 13, 14

Cremone bolt handle whereby an actuator bar has a pawl, which locks the bar when the door/window is open and releases the bar when the door/window is closed

2. Claims: 10-12

Cremone bolt handle with a key-locking cylinder housed in the grip.

### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 83 0569

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.

12-08-2002

Patent document cited in search report			Publication date		Patent family member(s)		Publication date	
ΕP	446566	А	18-09-1991	IT AT DE DE EP ES GR	1238270 101680 69006718 69006718 0446566 2050417 93300013	T D1 T2 A1 T3	12-07-1993 15-03-1994 24-03-1994 01-06-1994 18-09-1991 16-05-1994 31-03-1993	
GB	2281585	Α	08-03-1995	NONE				
DE	1907760	Α	01-10-1970	DE	1907760	A1	01-10-1970	
GB	2205605	Α	14-12-1988	NONE	AND COMES AND	NO 100 -100 EAST NOW NOW ORDER	aggir filiak hang gaga giber resen mana atau, sayat nasu asang aggir giber pasa	
GB	2200944	A	17-08-1988	IE	880219	L	11-08-1988	
GB	2182706	Α	20-05-1987	NONE	900 Miles 1920 <sup>00</sup> 1990 STAC 40000 MI <sup>SS</sup> 1990 MILES 19		man finite way paper spell stells filled drop popel filled state ange, after from	
us	5634357	Α	03-06-1997	CA	2170570	A1	04-09-1996	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82