



(19) Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) EP 1 887 173 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
05.11.2008 Bulletin 2008/45

(51) Int Cl.:
E05C 9/18 (2006.01)

(43) Date of publication A2:
13.02.2008 Bulletin 2008/07

(21) Application number: 07112739.3

(22) Date of filing: 19.07.2007

(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 LV MC MT NL PL PT RO SE
SI SK TR
Designated Extension States:
AL BA HR MK RS

(30) Priority: 04.08.2006 IT PD20060300

(71) Applicant: Alban Giacomo S.p.A.
36060 Romano d'Ezzelino (Vicenza) (IT)

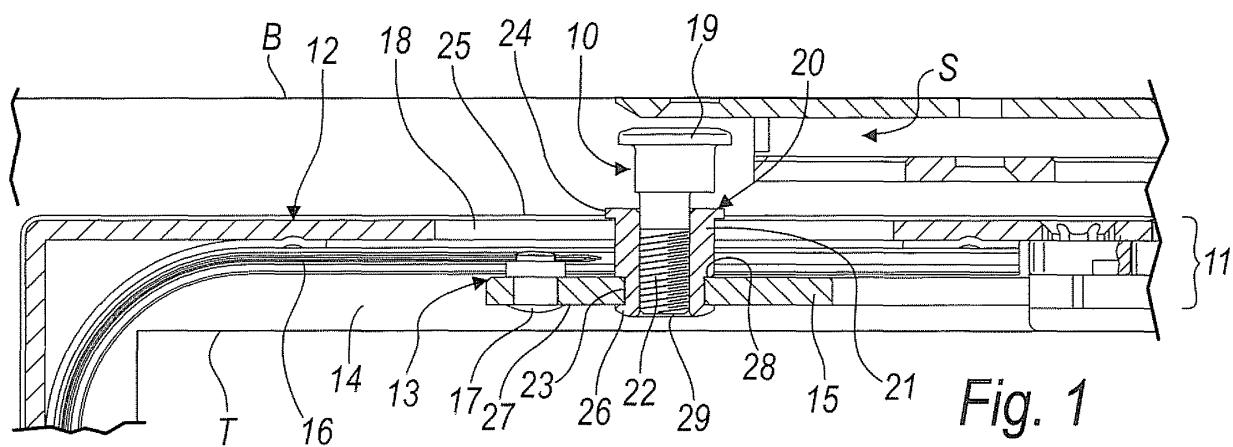
(72) Inventor: Alban, Antonio
36061 Bassano Del Grappa (VI) (IT)

(74) Representative: Modiano, Micaela Nadia
Dr. Modiano & Associati SpA
Via Meravigli 16
20123 Milano (IT)

(54) Closure terminal for cremone bolt of a door or window

(57) A closure terminal (10) for a cremone bolt of a door or window, comprising a pawl (19) which is adapted to be arranged in the locking seat (S) formed on the closure abutment jamb (B) of the door or window. The pawl (19) is rigidly coupled by means of a threaded coupling to an intermediate body (20), which is associated with the movable rod (13) of the cremone bolt (11) to be ar-

ranged on the leaf of the door or window. The threaded coupling allows the adjustment of the position of the pawl (19) on the axis of the thread. The pawl (19) is further eccentric with respect to the axis. The intermediate body (20) consists of a bush (21) which is fixed to the movable rod (13) of the cremone bolt and is at least partially threaded internally and in which a threaded stem (22) which protrudes from the pawl (19) is inserted and coupled.





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	EP 0 870 890 A (ROTO FRANK AG [DE]) 14 October 1998 (1998-10-14) * the whole document * -----	1-9	INV. E05C9/18
A	DE 27 05 802 A1 (WINKHAUS FA AUGUST) 17 August 1978 (1978-08-17) * the whole document * -----	1-9	
A	EP 1 170 444 A (WINKHAUS FA AUGUST [DE]) 9 January 2002 (2002-01-09) * the whole document * -----	1-9	
A	DE 101 40 567 A1 (WINKHAUS FA AUGUST [DE]) 27 February 2003 (2003-02-27) * the whole document * -----	1-9	
A	DE 200 04 943 U1 (SCHUERING GMBH & CO FENSTER TE [DE]) 6 July 2000 (2000-07-06) * the whole document * -----	1-9	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05C
The present search report has been drawn up for all claims			
3	Place of search	Date of completion of the search	Examiner
	Munich	26 September 2008	Wagner, A
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 07 11 2739

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.

26-09-2008

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0870890	A	14-10-1998	AT CZ DE HU PL	189032 T 9801081 A3 19715055 A1 9800839 A1 325779 A1	15-02-2000 11-11-1998 15-10-1998 28-01-1999 12-10-1998
DE 2705802	A1	17-08-1978	AT FR SE SE YU	363809 B 2380396 A1 427056 B 7801472 A 21078 A1	10-09-1981 08-09-1978 28-02-1983 12-08-1978 30-06-1982
EP 1170444	A	09-01-2002	AT DE	274124 T 10033117 A1	15-09-2004 17-01-2002
DE 10140567	A1	27-02-2003	NONE		
DE 20004943	U1	06-07-2000	DE	10110632 A1	20-09-2001