

Europäisches Patentamt European Patent Office Office européen des brevets



(11) **EP 1 460 217 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **21.09.2005 Bulletin 2005/38**

(51) Int Cl.7: **E05C 9/04**, E05B 1/00

(43) Date of publication A2: **22.09.2004 Bulletin 2004/39**

(21) Application number: 03079062.0

(22) Date of filing: 22.12.2003

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PT RO SE SI SK TR
Designated Extension States:

AL LT LV MK

(30) Priority: 18.03.2003 IT PD20030024 U

(71) Applicant: Fratelli Comunello S.p.A. 36027 Rosa (IT)

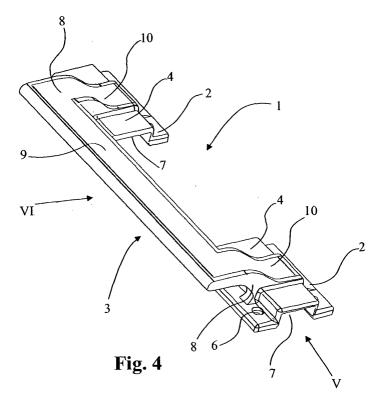
(72) Inventor: Comunello, Vittorio 36027 Rosà (Vicenza) (IT)

(74) Representative: Gerbino, Angelo et al Jacobacci & Partners S.p.A. Via Berchet 9 35131 Padova (IT)

(54) Door and associated opening means

(57) The present invention relates to a door comprising one or more leaves (A, A1) provided with a locking device (BV) comprising at least one bar (BV). Means (C) for operating the locking device (BV) so as to move the bar (B) between a locking position and an unlocking position and opening/closing means (1) integral with the

leaf (A1) are envisaged. The opening/closing means (1) are independent of the locking device (BV) and comprise a guide portion (2), which is mechanically associated with fixing means (V) and able to receive slidably the bar (B), and a gripping portion (3) rigidly associated with the guide portion (2).





EUROPEAN SEARCH REPORT

Application Number EP 03 07 9062

Category	Citation of document with indic of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
Х	EP 1 026 346 A (META- 9 August 2000 (2000-6 * paragraph [0012] - figures 1,2 *	08-09)	1,2,5-13	E05C9/04 E05B1/00		
X	US 3 633 389 A (WILLI 11 January 1972 (1972 * column 2, line 10 - figures 1-6 *	?-01-11)	1,2,5,6, 8-13			
X	US 2 049 939 A (BALES 4 August 1936 (1936-6 * page 1, column 2, l column 1, line 45; fi	08-04) ine 5 - page 3,	1,8, 11-13			
Х	DE 297 06 376 U1 (HUW 12 June 1997 (1997-06 * figures 1-7 *		1,8,12,			
A	DE 89 13 935 U1 (MOEE CO KG) 8 February 199 * figures 1-3 *		1,9,12,	TECHNICAL FIELDS SEARCHED (Int.Cl.7)		
A	DE 672 586 C (ERNST F 6 March 1939 (1939-03 * figures 1-5 *		1,9,12,	E05B E05C E05D		
A	AU 546 909 B2 (BYRNE N.S.W. PTY. LTD) 26 September 1985 (19 * the whole document	985-09-26)	1			
	The present search report has bee	n drawn up for all claims Date of completion of the search		Examiner		
The Hague		2 August 2005	PER	EZ MENDEZ, J		
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category		T : theory or principl E : earlier patent do after the filing dat D : document cited i L : document oited f	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			
A : technological background O : non-written disclosure P : intermediate document			& : member of the same patent family, corresponding document			

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

EP 03 07 9062

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.

02-08-2005

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1026346	A	09-08-2000	NL AT DE DE DK EP	1011224 C2 246304 T 60004112 D1 60004112 T2 1026346 T3 1026346 A1	08-08-2 15-08-2 04-09-2 22-04-2 03-11-2 09-08-2
US 3633389	Α	11-01-1972	NONE		
US 2049939	Α	04-08-1936	NONE		
DE 29706376	U1	12-06-1997	NONE		
DE 8913935	U1	08-02-1990	NONE		
DE 672586	С	06-03-1939	NONE		
AU 546909	B2	26-09-1985	NONE		·

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