(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **05.10.2005 Bulletin 2005/40**

(51) Int CI.⁷: **E05B 65/12**, E05B 65/20, E05B 65/36, E05B 47/06

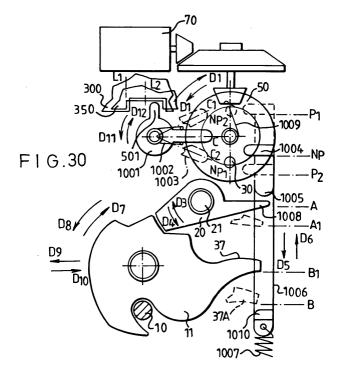
- (43) Date of publication A2: **30.03.2005 Bulletin 2005/13**
- (21) Application number: 04028109.9
- (22) Date of filing: 12.12.1997
- (84) Designated Contracting States: **DE ES FR GB IT PT**
- (62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC: 97949047.1 / 0 968 348
- (71) Applicant: Chevalier, John Phillip London NW3 7RD (GB)

- (72) Inventor: Chevalier, John Phillip London NW3 7RD (GB)
- (74) Representative: Maury, Richard Philip Marks & Clerk90 Long Acre London WC2E 9RA (GB)

(54) Latch arrangements for automotive doors or other closures

(57) A latch arrangement for an automotive door or other closure, for releasably detaining a striker (10), comprising: a latch bolt (11) shaped to retain the striker (10) at a latching position and to release the striker (10) at an unlatching position of the latch bolt (11); a locking member (20) mounted for movement between a locking position, at which it retains the latch bolt (11) at its latching position, and an unlocking position, at which it allows

the latch bolt (11) to move to its unlatching position; means (221,222;1811,300;234;1001,300,350; 1034,300) for locking the locking member; and an electric motor (70); characterised in that the electric motor (70) has a driving and indexing output drive (50) coupled for selectively and independently driving the locking means, for electric locking and unlocking, and the latch bolt (11), directly or indirectly, in order to complete the closure of the door or other closure.





EUROPEAN SEARCH REPORT

Application Number EP 04 02 8109

Coto	Citation of document with indicat	ion, where appropriate.	Relevant	CLASSIFICATION OF THE		
Category	of relevant passages	,H-1 alement	to claim	APPLICATION (Int.CI.6)		
E	WO 98/27301 A (CHEVALI 25 June 1998 (1998-06- * the whole document *	25)	1-10	E05B65/12 E05B65/20 E05B65/36 E05B47/06		
Χ	US 5 222 775 A (KATO E 29 June 1993 (1993-06-	T AL) 29)	1-3,5,8, 10	203047700		
Α	* the whole document *		4			
A	EP 0 745 746 A (GENERA CORPORATION) 4 December the whole document *	r 1996 (1996-12-04)	1-5,8,10			
A	EP 0 589 158 A (BAYERI AKTIENGESELLSCHAFT) 30 March 1994 (1994-03 * the whole document *	3-30)	1-5,8,10			
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)		
				E05B		
	The present search report has been	<u> </u>				
Place of search Munich		Date of completion of the search 17 August 2005	Hen	kes, R		
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		T : theory or princi E : earlier patent d after the filing d D : document cited L : document cited	T: theory or principle underlying the inven E: earlier patent document, but published after the filing date D: document cited in the application L: document cited for other reasons			
Common A : technological background C			& : member of the same patent family, corresponding document			

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

EP 04 02 8109

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.

17-08-2005

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9827301	A	25-06-1998	GB AU EP WO GB	2322409 7739098 0968348 9827301 2320943	A A2 A2	26-08-19 15-07-19 05-01-20 25-06-19 08-07-19
US 5222775	Α	29-06-1993	JP JP JP	2104029 4302683 8014216	Ā	06-11-19 26-10-19 14-02-19
EP 0745746	А	04-12-1996	US DE DE EP	5639130 69604232 69604232 0745746	D1 T2	17-06-19 21-10-19 30-12-19 04-12-19
EP 0589158	A	30-03-1994	DE DE DE EP	4228233 4240013 59308061 0589158	A1 D1	03-03-19 01-06-19 05-03-19 30-03-19

FORM P0459

© Brown or details about this annex: see Official Journal of the European Patent Office, No. 12/82