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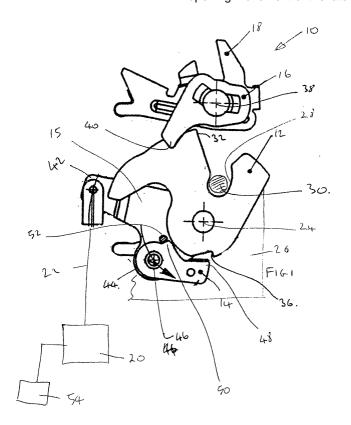
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## (54) Latch arrangement

(57) A latch arrangement (10) including a latch bolt (12) moveable between at least a closed condition, at which it is capable of retaining a striker (30) in use, and

an open condition, at which it is capable of releasing the striker, and a power actuator (20) operable to resist movement of the latch bolt during at least part of an opening movement of the latch bolt.





## **EUROPEAN SEARCH REPORT**

**Application Number** EP 01 30 5984

Category	Citation of document with indication,	where appropriate,	Relevant	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
A	of relevant passages  US 5 938 252 A (KONDO MII 17 August 1999 (1999-08-1 * column 6, line 37 - lin * column 8, line 34 - colu	17) ne 47 *	to claim	E05B65/32 E05B47/00 E05B51/00 E05B65/12		
A	US 6 050 117 A (WEYERSTAL 18 April 2000 (2000-04-18 * the whole document *	LL BERND) 3)	1			
A	DE 197 14 992 A (BOSCH GM 24 September 1998 (1998-0 * the whole document *		1			
				TECHNICAL FIELDS SEARCHED (Int.Cl.7)		
				E05B		
	The present search report has been dra	wn up for all claims				
Place of search THE HAGUE		Date of completion of the search 13 June 2003	Pie	Examiner Pracci, A		
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 princi E : earlier patent of after the filling of 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			
A: technological background O: non-written disclosure P: intermediate document		& : member of the	& : member of the same patent family, corresponding document			

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

EP 01 30 5984

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13-06-2003

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5938252	Α	17-08-1999	JP	3232251	B2	26-11-2001
			JP	10115138	Α	06-05-1998
			JP	3160553		25-04-2001
			JP		Α	12-01-1999
			JP	11006345		12-01-1999
			JP	3160554	-	25-04-2001
			JP	11006346		12-01-1999
			JP	11006341		12-01-1999
			DE	19736445	A1	26-02-1998
US 6050117	Α	18-04-2000	DE	19545722	A1	17-04-1997
			BR	9611450	Α	14-03-2000
			CZ	9801058		16-09-1998
			WO	9713942	<b>A</b> 2	17-04-1997
			DE	29624351	U1	25-07-2002
			ΕP	0854962		29-07-1998
			HU	9900503	A2	28-06-1999
			JP	11515067	T	21-12-1999
DE 19714992	A	24-09-1998	DE	19714992	A1	24-09-1998

FORM P0459

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