



(11) **EP 1 479 855 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
14.03.2007 Bulletin 2007/11

(51) Int Cl.:
E05B 3/00 (2006.01) E05B 3/10 (2006.01)

(43) Date of publication A2:
24.11.2004 Bulletin 2004/48

(21) Application number: **04252930.5**

(22) Date of filing: **18.05.2004**

(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 PL PT RO SE SI SK TR**
Designated Extension States:
AL HR LT LV MK

(30) Priority: **23.05.2003 GB 0311908**
12.11.2003 GB 0326355

(71) Applicant: **Heywood Williams Components
Limited
Huddersfield,
West Yorkshire HD3 3AR (GB)**

(72) Inventors:
• **Gyde, Richard Michael
Daventry NN11 5GG (GB)**
• **Carpenter, Stuart Timothy
West Midlands B74 2HS (GB)**

(74) Representative: **Neill, Alastair William et al
Appleyard Lees
15 Clare Road
Halifax
West Yorkshire HX1 2HY (GB)**

(54) **Spindle for use with handles**

(57) A spindle is provided for use with handles for windows or doors, comprising first spindle means (10), and second spindle means (11) which can be assembled with the first spindle means (10) to provide an elongate spindle, the position of the spindle means (10, 11) being adjustable with respect to one another to enable the

length of the spindle to be pre-selected, the spindle assembly being such that when the spindle assembly is connected to handle means (14) the pre-selected spindle length becomes fixed.

EP 1 479 855 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 25 2930

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 19 98 033 U (WESTFAELISCHES METALLWERK FRANZ SCHNEIDER) 5 December 1968 (1968-12-05) * the whole document *	1-4,11,12	INV. E05B3/00 E05B3/10
X	DE 299 07 745 U1 (HUWIL-WERKE) 5 August 1999 (1999-08-05) * page 5, lines 1-17; figures 1,2 * * page 5, line 34 - page 6, line 10 * * page 7, lines 3-7 *	1-6,11,12	
X	DE 11 17 442 B (OTTO GROSSSTEINBECK) 16 November 1961 (1961-11-16) * column 1, lines 36-52; figures 1,3 *	1-4,11,12	
A		7	
X	DE 12 58 758 B (HUGO HAUSSELS) 11 January 1968 (1968-01-11) * column 2, line 39 - column 3, line 10; figures 1-5 *	1-6,11,12	
X	US 4 877 278 A (HAROLD J. VALLEY) 31 October 1989 (1989-10-31) * column 3, lines 43-52; figures 1,2 * * column 4, lines 14-20 *	1-3,8-12	TECHNICAL FIELDS SEARCHED (IPC) E05B
X	GB 655 528 A (HEADLEY TOWNSEND BACKHOUSE) 25 July 1951 (1951-07-25) * the whole document *	1,2,8-12	
A	JP 2001 254538 A (NISHI SEISAKUSHO KK) 21 September 2001 (2001-09-21) * figures 1,2c,2d *	1-12	
A	EP 1 052 347 A (WILKE HEINRICH HEWI GMBH [DE]) 15 November 2000 (2000-11-15) * paragraph [0026] - paragraph [0034]; figures 1-4 *	6	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 31 January 2007	Examiner Cruyplant, Lieve
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	

2

EPO FORM 1503 03 82 (P04C01)

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

EP 04 25 2930

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.

31-01-2007

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1998033	U	05-12-1968	NONE	
DE 29907745	U1	05-08-1999	PL 110770 U1	06-11-2000
DE 1117442	B	16-11-1961	NONE	
DE 1258758	B	11-01-1968	AT 259405 B	10-01-1968
			BE 691396 A	29-05-1967
			CH 447868 A	30-11-1967
			NL 6612411 A	21-06-1967
			SE 302259 B	08-07-1968
US 4877278	A	31-10-1989	NONE	
GB 655528	A	25-07-1951	NONE	
JP 2001254538	A	21-09-2001	NONE	
EP 1052347	A	15-11-2000	DE 19922192 A1	16-11-2000