



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
17.08.2005 Bulletin 2005/33

(51) Int Cl.7: **E05D 7/00**

(43) Date of publication A2:
01.09.2004 Bulletin 2004/36

(21) Application number: **04100794.9**

(22) Date of filing: **01.03.2004**

(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 LT LV MK

(72) Inventors:
• **Spinazzè, Guido**
31010, MARENO DI PIAVE (TV) (IT)
• **Piccolo, Lorenzo**
31040, GIAVERA DEL MONTELLO (TV) (IT)

(30) Priority: **28.02.2003 IT UD20030046**

(74) Representative: **Petraz, Gilberto Luigi et al**
GLP S.r.l.
Piazzale Cavedalis 6/2
33100 Udine (IT)

(54) **Hinge for mobile elements or furniture wings with mechanism to adjust height**

(57) Hinge (10) for articulating a mobile structure (11) with respect to a fixed frame (22) comprises two hinge elements (12, 15) to be fixed together to the mobile structure (11), or to the fixed frame (22), and a central hinge element (13) disposed between the two hinge elements (12, 15) and to be fixed to the fixed frame (22) or, respectively, to the mobile structure (11). A pivot (16) is axially inserted in the three hinge elements (12, 13,

15) and an intermediate threaded bushing (17) is axially disposed between the central hinge element (13) and one of the two hinge elements (12, 15). The threaded bushing (17) is provided with first coupling means (35a) coupled, without reciprocal rotation, with second coupling means (31) provided on the pivot (16), so that the rotation of the latter commands the axial movement of the two hinge elements (12, 15) with respect to the central hinge element (13).

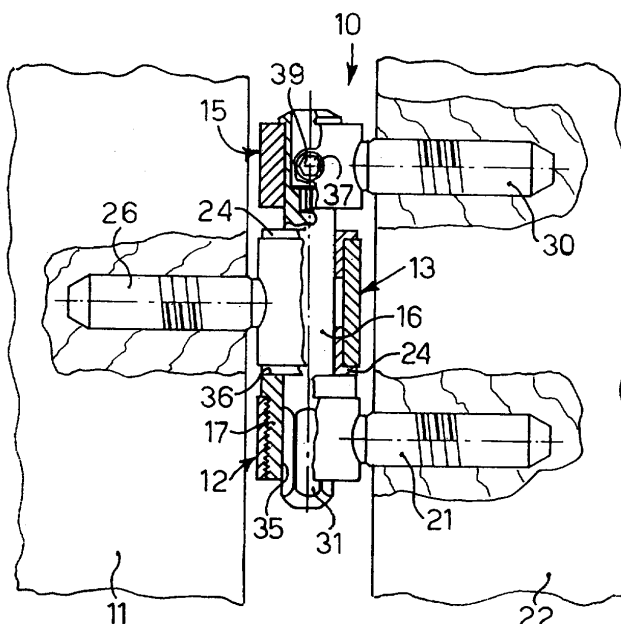


fig. 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 10 0794

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 1 149 975 A (NIEMANN HANS DIETER) 31 October 2001 (2001-10-31)	1,2,4	E05D7/00
Y	* abstract * * column 5, line 17 - line 45 * * column 6, line 8 - line 54; figures 1,3 *	5,6	
X	DE 23 56 166 A (DISPUT JUERGEN) 15 May 1975 (1975-05-15) * page 4, paragraph 3 - page 5, paragraph 1; figure 1 *	1,3,4	
Y	BE 887 822 A (PFAEFFLI W) 1 July 1981 (1981-07-01) * page 3, line 4; figures 1,2 *	5,6	
Y	CH 665 675 A (PFAEFFLI WALTER) 31 May 1988 (1988-05-31) * page 3, column 1, line 64 - line 68; figure 1 *	5,6	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E05D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 21 June 2005	Examiner Guillaume, G
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			

1
EPO FORM 1503 03.82 (P04C01)

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

EP 04 10 0794

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.

21-06-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1149975	A	31-10-2001	DE 20007759 U1	06-09-2001
			EP 1149975 A2	31-10-2001
			PL 347263 A1	05-11-2001

DE 2356166	A	15-05-1975	DE 2356166 A1	15-05-1975

BE 887822	A	01-07-1981	BE 887822 A1	01-07-1981
			DE 3042206 A1	24-09-1981
			DK 104881 A	08-09-1981
			ES 264803 Y	01-07-1983
			FR 2477622 A1	11-09-1981
			GB 2071201 A ,B	16-09-1981
			IT 1135651 B	27-08-1986
			NL 8101072 A	01-10-1981
			SE 8101055 A	08-09-1981

CH 665675	A	31-05-1988	CH 665675 A5	31-05-1988
			AT 391161 B	27-08-1990
			AT 126585 A	15-02-1990
			DE 3515416 A1	21-11-1985
			FR 2579658 A1	03-10-1986
			IT 1184989 B	28-10-1987
