



Europäisches
Patentamt
European
Patent Office
Office européen
des brevets



(11)

EP 2 078 811 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
18.11.2009 Bulletin 2009/47

(51) Int Cl.:
E05F 1/10 (2006.01)

E05F 1/12 (2006.01)

(43) Date of publication A2:
15.07.2009 Bulletin 2009/29

(21) Application number: 08172377.7

(22) Date of filing: 19.12.2008

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT
RO SE SI SK TR
Designated Extension States:
AL BA MK RS

(30) Priority: 08.01.2008 IT MO20080003

(71) Applicant: Baldacci S.p.A.
56038 Ponsacco (PI), loc. Le Melorie (IT)

(72) Inventor: Cioni, Paolo
56038 Ponsacco (PI) (IT)

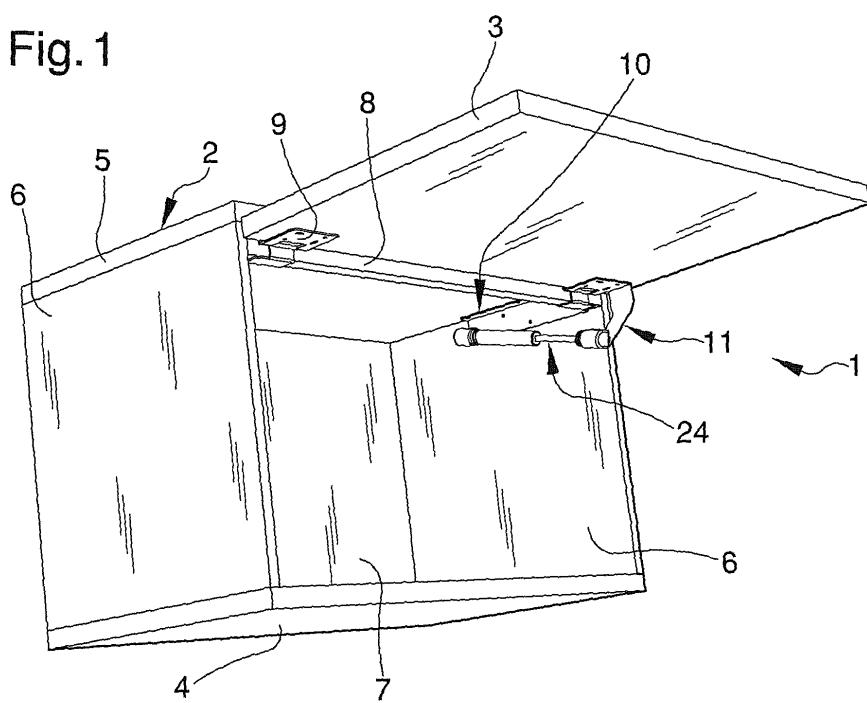
(74) Representative: Brogi, Graziano
APTA S.r.l.
Via Giardini 625
41100 Modena (IT)

(54) **Hinging device for doors of furniture units of vehicles, particularly caravans, motorhomes and boats**

(57) The hinging device for doors of furniture units of vehicles, particularly caravans, motorhomes and boats, comprises a first element associative with a furniture unit, a second element associative with a door, rotation means which are placed between the first element and the second element and which are suitable for permitting the

mutual rotation substantially around a swinging axis between a closing configuration of the door and an opening configuration of the door, and a gas spring which is provided with a first extremity associative with the first element and with a second extremity associative with the second element and which is suitable for making the opening and/or the closing of the door easier.

Fig. 1





EUROPEAN SEARCH REPORT

Application Number
EP 08 17 2377

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 4 430 770 A (NIEKRASZ FRANK M [US] ET AL) 14 February 1984 (1984-02-14) * column 3, line 19 - column 6, line 20; claim 1; figures 1-8 *	1-15	INV. E05F1/10 E05F1/12
X	----- WO 2007/045631 A (SALICE ARTURO SPA [IT]; SALICE LUCIANO [IT]) 26 April 2007 (2007-04-26) * page 4, line 32 - page 8; claim 1; figures 1-8 *	1-15	
X	----- DE 201 00 662 U1 (SALICE ARTURO SPA [IT]) 19 April 2001 (2001-04-19) * page 5 - page 8; claim 1; figures 1-14 *	1-15	
X	----- WO 2006/114255 A (SUSPA HOLDING GMBH [DE]; LIEBHERR HAUSGERAETE [DE]; RESNIK CORINNE [DE]) 2 November 2006 (2006-11-02) * page 3, line 7 - page 9, line 17; claim 1; figures 1-4 *	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05F
2 The present search report has been drawn up for all claims			
2	Place of search	Date of completion of the search	Examiner
	Munich	7 October 2009	Balice, Marco
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 08 17 2377

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.

07-10-2009

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4430770	A	14-02-1984		NONE		
WO 2007045631	A	26-04-2007	BR EP IT JP KR US	PI0606125 A2 1846635 A1 RM20050126 U1 2009511793 T 20080064082 A 2008134464 A1		02-06-2009 24-10-2007 18-01-2006 19-03-2009 08-07-2008 12-06-2008
DE 20100662	U1	19-04-2001	AT BR CN CZ EP ES HU JP KR PL TW US	292729 T 0200867 A 1366123 A 20020090 A3 1223282 A2 2240321 T3 0200171 A2 2002227513 A 20020061522 A 351708 A1 534937 B 2002108311 A1		15-04-2005 11-03-2003 28-08-2002 11-09-2002 17-07-2002 16-10-2005 28-04-2003 14-08-2002 24-07-2002 29-07-2002 01-06-2003 15-08-2002
WO 2006114255	A	02-11-2006	CN EP JP KR US	101166882 A 1875027 A1 2008539346 T 20080002821 A 2008189906 A1		23-04-2008 09-01-2008 13-11-2008 04-01-2008 14-08-2008