

# Europäisches Patentamt European Patent Office Office européen des brevets



EP 0 916 290 A3

(12)

#### **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 29.11.2000 Bulletin 2000/48

(51) Int. Cl.<sup>7</sup>: **A47C 19/20**, A47C 17/16

(43) Date of publication A2: 19.05.1999 Bulletin 1999/20

(21) Application number: 98120829.1

(22) Date of filing: 02.11.1998

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 05.11.1997 IT CO970019

(71) Applicant: Manzoni, Giulio 20030 Seveso (Milan) (IT)

(72) Inventor: Manzoni, Giulio 20030 Seveso (Milan) (IT)

(11)

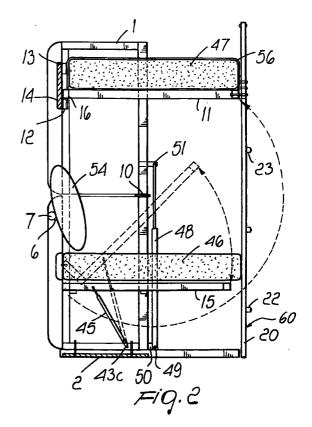
(74) Representative:

Forattini, Amelia et al c/o Internazionale Brevetti Ingg. ZINI, MARANESI & C. S.r.I. Piazza Castello 1

20121 Milano (IT)

# (54) Convertible piece of furniture which can be converted from a sofa and/or single bed into a bunk bed

A furniture unit composed of two bedsprings (11,15) which, in the folded position, acts as sofa or single bed; by rotating the extra bed (11,47), which, in the folded position, is arranged upside down below the sofa (15,46,54), the lower bed is arranged above the sofa in a bunk-bed configuration. The ladder (60) and the associated barrier are folded up and hinged horizontally to the rear long side of the second bed (11,47) when the second bed is not being used; during conversion into a bunk bed, they rotate together with the bed and are arranged on the outer side thereon. The ladder (60), by rotating about two pivots, is arranged vertically, acting as ladder and as support for the open unit, and the safety barrier of the upper bed rises as the ladder, to which it is articulated, rotates. By performing the operations in reverse, the piece of furniture is converted back into a sofa.





## **EUROPEAN SEARCH REPORT**

Application Number EP 98 12 0829

	DOCUMENTS CONSID		<u> </u>	
Category	Citation of document with ir of relevant pass	dication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	FR 1 015 915 A (JOS 5 November 1952 (19 * figures 2,3 *		1-12	A47C19/20 A47C17/16
A	CH 371 231 A (ADOLF 30 September 1963 ( * figure 2 *		2	
Α	XP002148330	ly 1972, pages 37-38, ITIES LTD. HAVANT., GE	3	
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
	The present search report has	peen drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	25 September 20	000 var	n Bilderbeek, H.
X : par Y : par dod A : tec O : nor	CATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with anot sument of the same category hnological background ne-written disclosure armediate document	T : theory or prin E : earlier patent after the filing her D : document cite	ciple underlying the document, but pub	invention lished on, or

EPO FORM 1503 03.82 (P04C01)

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

EP 98 12 0829

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.

25-09-2000

Patent document cited in search report		Publication date	Patent family member(s)	Publicat date	
FR	1015915	Α	05-11-1952	NONE	
СН	371231	Α		NONE	
					·
				pean Patent Office, No. 12/82	