



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 088 492 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
04.09.2002 Bulletin 2002/36

(51) Int Cl.7: **A44C 5/20**

(43) Date of publication A2:
04.04.2001 Bulletin 2001/14

(21) Application number: **00830634.2**

(22) Date of filing: **25.09.2000**

(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

(72) Inventor: **Terziani, Urbano**
52020 Pieve A Maiano, Arezzo (IT)

(74) Representative: **Bardini, Marco Luigi et al**
c/o Società Italiana Brevetti S.p.A.
Corso dei Tintori, 25
50122 Firenze (IT)

(30) Priority: **29.09.1999 IT FI990116 U**

(71) Applicant: **Cento Group S.p.A.**
52020 Civitella in val di Chiana (Arezzo) (IT)

(54) **Spring-catch clasp**

(57) A spring-catch clasp for ornamental chains comprising a clasp body (1) fit for being connected to one end of a chain, and an annular member (5) extending therefrom and engageable with a female member mounted to the other end of the chain. The annular member is formed by an arm (5) extending between two expansions (3,4) of the clasp body and pivotally connected to the body through one end. Elastic means are provided between the end of the arm (5) and the clasp body (1) for forcing a free end of the arm against the respective expansion of the body, the arm (5) comprising means (8,9) for applying a force counteracting that of the elastic means to disengage the free end from its respective expansion and angularly displace the arm moving it away from the clasp body.

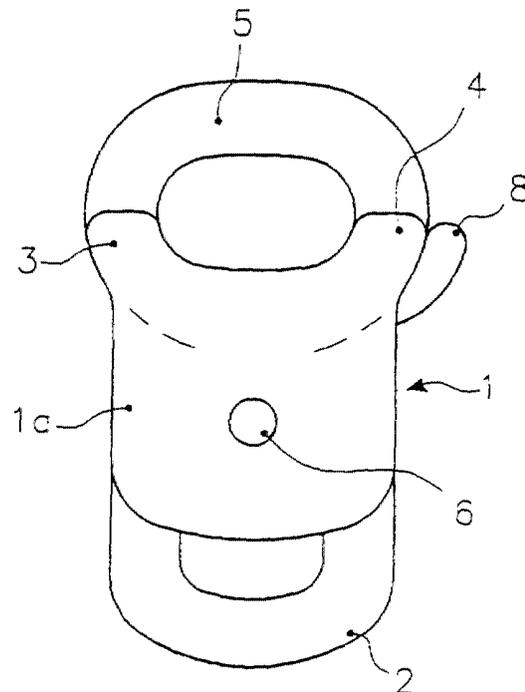


Fig. 1

EP 1 088 492 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 83 0634

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)
A	DE 44 38 487 A (EMIL KLINGENFUS KG) 11 May 1995 (1995-05-11) * claim 1; figures 1,2,5 *	1-5	A44C5/20
A	US 5 117 539 A (BEARD GUY ET AL) 2 June 1992 (1992-06-02) * claims 1-3; figure 5 *	1,8	
A	US 5 548 875 A (HART COURTNEY L ET AL) 27 August 1996 (1996-08-27) * column 2, line 57-67; claims 1,2; figures 1-3 *	1,6	
A	US 4 094 047 A (CARLSSON GUNILLA A) 13 June 1978 (1978-06-13) * column 2, line 18-30,58-61; claim 1; figures 1,2 *	1,7	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A44C F16B
Place of search	Date of completion of the search	Examiner	
MUNICH	2 July 2002	Horubala, T	
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			

EPO FORM 1503 03 82 (P04C01)

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

EP 00 83 0634

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.

02-07-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4438487	A	11-05-1995	DE 9316749 U1	05-01-1994
			DE 4438487 A1	11-05-1995
US 5117539	A	02-06-1992	US RE37365 E1	18-09-2001
US 5548875	A	27-08-1996	NONE	
US 4094047	A	13-06-1978	SE 393080 B	02-05-1977
			DE 2607009 A1	26-08-1976
			FR 2301725 A1	17-09-1976
			GB 1520324 A	09-08-1978
			SE 7501798 A	19-08-1976