



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**26.09.2001 Bulletin 2001/39**

(51) Int Cl.7: **A45F 5/02, A44B 21/00**

(43) Date of publication A2:  
**14.06.2000 Bulletin 2000/24**

(21) Application number: **99124570.5**

(22) Date of filing: **09.12.1999**

(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) Inventors:  
 • **Stodt, Frank**  
**42553 Velbert (DE)**  
 • **Matthey, Jörg**  
**42117 Wuppertal (DE)**

(30) Priority: **11.12.1998 DE 19857318**

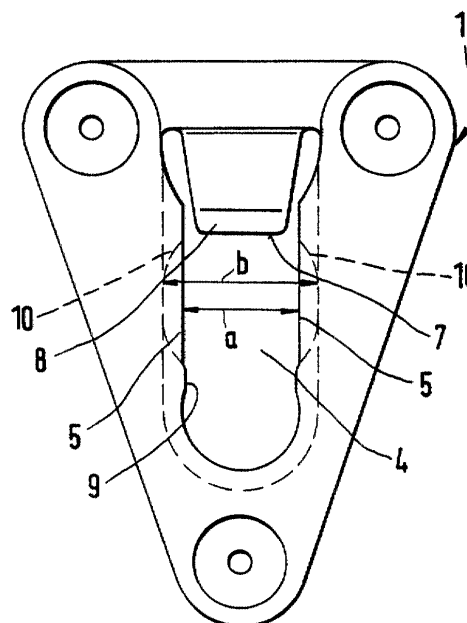
(74) Representative: **Patentanwälte**  
**Leinweber & Zimmermann**  
**Rosental 7**  
**80331 München (DE)**

(71) Applicant: **YKK EUROPE LTD.**  
**London NW1 3BG (GB)**

(54) **Snap-in locking device**

(57) The snap-in locking device serves for securing holding elements for flashlights, mobile telephones, pistol holsters or similar special equipment in special articles of clothing, such as, for example, jackets, vests, trousers for craftsmen, police, border guards, watch personnel or the like. The device includes an anchor plate (1) securable to the article of clothing and a slide member (2) movable on the anchor plate approximately parallel to the principal plane of the anchor plate from a locking position into an unlocking position, wherein the slide member (2) is fixedly connected to the holding element. In order to avoid an unintentional separation of the slide member from the anchor plate, the anchor plate (1) is provided with a locking tongue (8) with a stop edge (7) which limits the release path for the slide member (2), wherein the locking tongue (8) is elastically deformable into a slide member release position when a force is applied to the locking tongue.

**Fig.4**





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 99 12 4570

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	US 1 519 380 A (JOSEPH KOCHANSTI) 16 December 1924 (1924-12-16) * page 1, left-hand column, line 47; figures 1,3,4,6-8 * * page 1, left-hand column, line 46; figures 2,5,8 * * page 1, right-hand column, line 67; figures 6-8 * * page 1, right-hand column, line 70; figures 6-8 *	1-5	A45F5/02 A44B21/00
A	---	6,7	
X	US 5 622 296 A (KORJANSALO TAISTO ET AL) 22 April 1997 (1997-04-22) * column 2, line 48 - line 65; figure 1 * * column 3, line 14 - line 21 *	1-5	
A	---	6,7	
A	GB 2 276 658 A (YIH BAI ENTERPRISE CO LTD) 5 October 1994 (1994-10-05) * the whole document *	1-7	
A	US 1 428 358 A (BURBERY WALTER J) 5 September 1922 (1922-09-05) * the whole document *	1-5	A45F A44B F41C B60R H04M
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>31 July 2001</b>	Examiner <b>Garcia, J</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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 &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03 B2 (P04C01)

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

EP 99 12 4570

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.

31-07-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 1519380	A	16-12-1924	NONE	
US 5622296	A	22-04-1997	NONE	
GB 2276658	A	05-10-1994	NONE	
US 1428358	A	05-09-1922	NONE	