



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 916 920 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
02.11.2000 Bulletin 2000/44

(51) Int. Cl.⁷: **F41H 1/04, A42B 3/14**

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

(21) Application number: **98120657.6**

(22) Date of filing: **04.11.1998**

(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: **14.11.1997 ES 9702391**

(71) Applicant:
**INDUSTRIAS Y CONFECCIONES, S.A. INDUYCO
E-28045 Madrid (ES)**

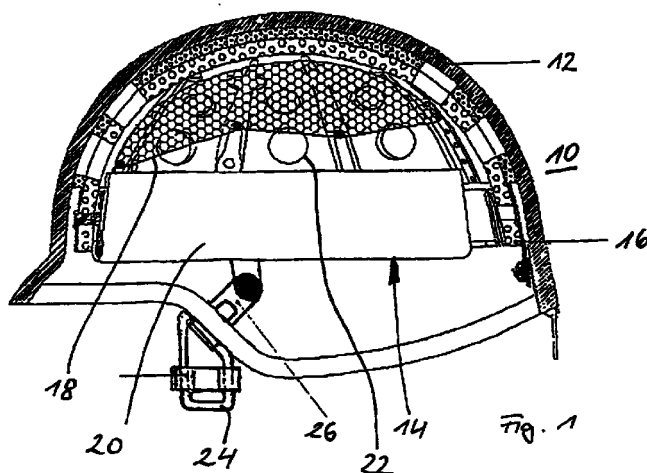
(72) Inventors:
• **Andrada Galan, Mario
Madrid (ES)**
• **Mora Camarasa, Diego
Villanueva de la Canada, Madrid (ES)**
• **Armisen Bobo, Pedro
Madrid (ES)**

(74) Representative:
**Borchert, Uwe Rudolf, Dipl.-Ing. et al
Patentanwälte
Puschmann & Borchert,
Sendlinger Strasse 35
80331 München (DE)**

(54) **Military protective helmet**

(57) The invention relates to a military protective helmet consisting of an impact resistant laminated fabric shell which includes an internal shock absorption device as well as a strap set that may be attached to the shell 1, using some pieces that are stapled to the helmet 1 by pressure on the sides of the piece. The invention is

characterized in that the piece is flat and V-shaped with a higher side, which is in contact with the internal face of the helmet shell 1, which has a drill hole 7 at the top where the set of internal lining and strap set 8 of the helmet is attached.



EP 0 916 920 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 12 0657

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.6)
A	US 2 532 442 A (LE GRAND DALY) 5 December 1950 (1950-12-05) * figure 1 *	1	F41H1/04 A42B3/14
A	DE 94 09 465 U (SCHUBERTH WERK KG) 12 October 1995 (1995-10-12) * page 5, line 12,13; figure 1 *	1	
A	WO 97 37553 A (RBR ARMOUR LTD ;BARRON JAMES (GB)) 16 October 1997 (1997-10-16) * page 2, line 26-37 * * page 18, line 19 - page 20, line 19; figures 1,1A,2A,2B *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F41H A42B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 7 September 2000	Examiner Van der Plas, J
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			

EPO FORM 1503 03/82 (P4/C01)

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

EP 98 12 0657

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.

07-09-2000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2532442	A	05-12-1950	US 2420522 A	13-05-1947
DE 9409465	U	12-10-1995	NONE	
WO 9737553	A	16-10-1997	AU 2171197 A	29-10-1997

EPO FORM P0458

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82