



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 332 849 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
11.02.2004 Bulletin 2004/07

(51) Int Cl.7: **B26F 1/36, B26D 7/18**

(43) Date of publication A2:
06.08.2003 Bulletin 2003/32

(21) Application number: **03001982.2**

(22) Date of filing: **30.01.2003**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PT SE SI SK TR**
Designated Extension States:
AL LT LV MK RO

- **Smith, Glen**
West Road, Guildford GU1 2AS (GB)
- **Hodges, Jonathan**
Windsor SL4 5NF (GB)
- **Twitchett, Mark**
Bucks HP13 7EA (GB)

(30) Priority: **31.01.2002 GB 0202292**

(71) Applicant: **Acco UK Limited**
Sevenoaks, Kent TN15 7RS (GB)

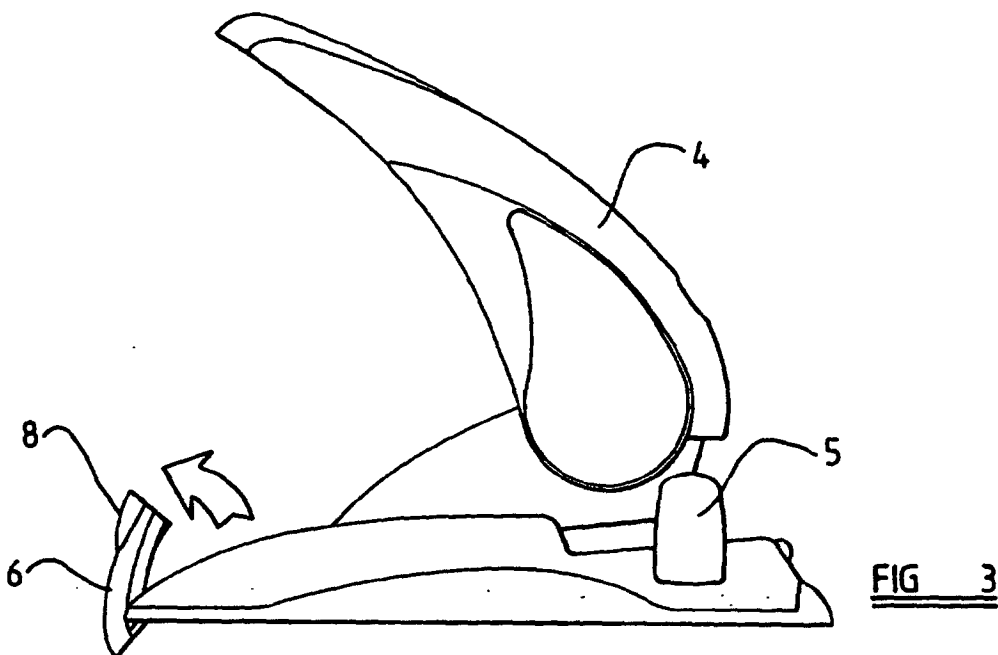
(74) Representative: **Frankland, Nigel Howard**
FORRESTER & BOEHMERT
Pettenkoferstrasse 20-22
80336 München (DE)

(72) Inventors:
• **Gardner, Jeremy**
Littlewick Green, Maidenhead SL6 3QU (GB)

(54) **Hole punch**

(57) A hole punch (1) has a base (2) pivotally supporting an actuating handle (4). A sole plate (6) is mounted beneath the base plate. The sole plate is provided with a pivotally mounted tubular spout (8) through which

the "holes" or "chads" generated by the punch may be discharged from the space. The spout is pivotally connected to the sole plate for movement between the closed position and an open position.



EP 1 332 849 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 03 00 1982

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 12 31 669 B (SOENNECKEN FA F) 5 January 1967 (1967-01-05) * figure 3 *	1	B26F1/36 B26D7/18
A	US 4 282 991 A (HAZARD ROBERT E) 11 August 1981 (1981-08-11)		
A	US 5 584 124 A (LONG ROBERT J ET AL) 17 December 1996 (1996-12-17)		
A	US 2 120 682 A (SHARP ROBERT H) 14 June 1938 (1938-06-14)		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B26D B26F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 December 2003	Examiner Rabolini, M
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 03.02 (p04C01)

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

EP 03 00 1982

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.

17-12-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 1231669 B	05-01-1967	BE 653797 A	18-01-1965
		CH 427739 A	15-01-1967
		LU 47043 A1	30-11-1964
		NL 6411295 A	02-04-1965
US 4282991 A	11-08-1981	AT 910780 A ,B	15-03-1994
		AU 538371 B2	09-08-1984
		AU 6396280 A	28-04-1981
		BE 890039 A1	22-02-1982
		DE 3049956 C2	17-12-1987
		DE 3049956 T0	18-03-1982
		DK 238881 A ,B,	01-06-1981
		FR 2489786 A1	12-03-1982
		GB 2074992 A ,B	11-11-1981
		JP 56501564 T	29-10-1981
		LU 83526 A1	13-09-1982
		NL 8020389 T	01-09-1981
		SE 434497 B	30-07-1984
		SE 8103386 A	29-05-1981
		WO 8100995 A1	16-04-1981
		CA 1148504 A1	21-06-1983
		ZA 8006100 A	30-09-1981
US 5584124 A	17-12-1996	CA 2173015 A1	22-10-1996
US 2120682 A	14-06-1938	NONE	

EPO FORM P0459

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