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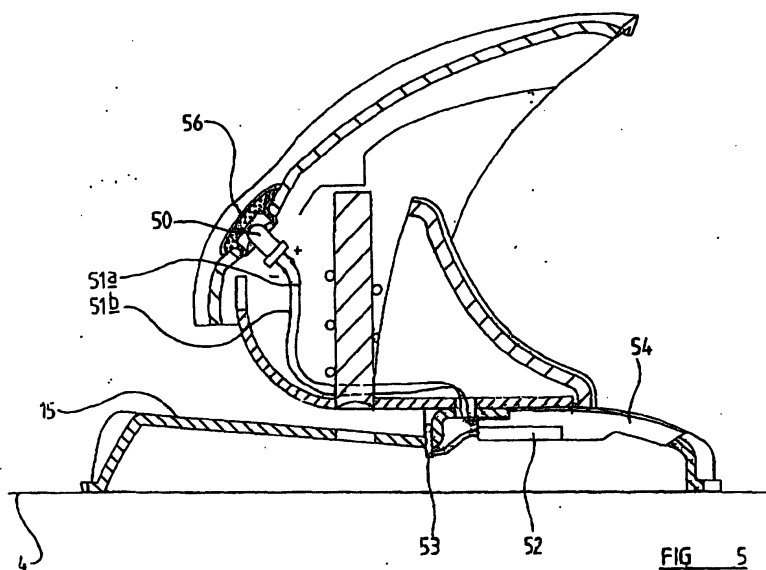
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(54) **Hole punch with a sheet engagement indicator**

(57) A hole punch (1) is provided for punching holes through a stack of papers. A locating arrangement is provided to engage the edge of the or each sheet of the stack of papers. The locating arrangement includes a movable element which removes when the edge of the sheet or sheets engages the locating arrangement. An

indicator is provided to give a visual indication, in response to movement of the movable element, to indicate when the edge of the sheets engage the locating arrangement. The indicator may be a light-emitting diode actuated by a switch, or may be a mechanically movable element.



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EUROPEAN SEARCH REPORT

Application Number
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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	EP 0 121 580 A (KRAUT & MEIENBORN) 17 October 1984 (1984-10-17) * abstract; figure 2 *	1	B26D7/01 B26F1/36
A	US 2 980 997 A (HENDRICKS JAMES C) 25 April 1961 (1961-04-25)		
A	FR 1 125 122 A (FILLON ROGER-LOUIS; PICHON PIERRE-MARIUS) 24 October 1956 (1956-10-24)		
A	US 2001/054341 A1 (GOTTSCALK GERD ET AL) 27 December 2001 (2001-12-27)		
A	EP 0 829 332 A (MOHR ADOLF MASCHF) 18 March 1998 (1998-03-18)		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B26F B26D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		30 December 2003	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			

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

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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
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30-12-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0121580	A	17-10-1984	EP 0121580 A1	17-10-1984
US 2980997	A	25-04-1961	NONE	
FR 1125122	A	24-10-1956	NONE	
US 2001054341	A1	27-12-2001	DE 19852170 C1	24-02-2000
			AT 235997 T	15-04-2003
			DE 59904827 D1	08-05-2003
			EP 1000715 A2	17-05-2000
			JP 2000190288 A	11-07-2000
EP 0829332	A	18-03-1998	DE 19637027 A1	26-03-1998
			DE 59703943 D1	09-08-2001
			EP 0829332 A1	18-03-1998
			ES 2160290 T3	01-11-2001
			JP 10100096 A	21-04-1998
			PT 829332 T	28-12-2001
			SG 71040 A1	21-03-2000