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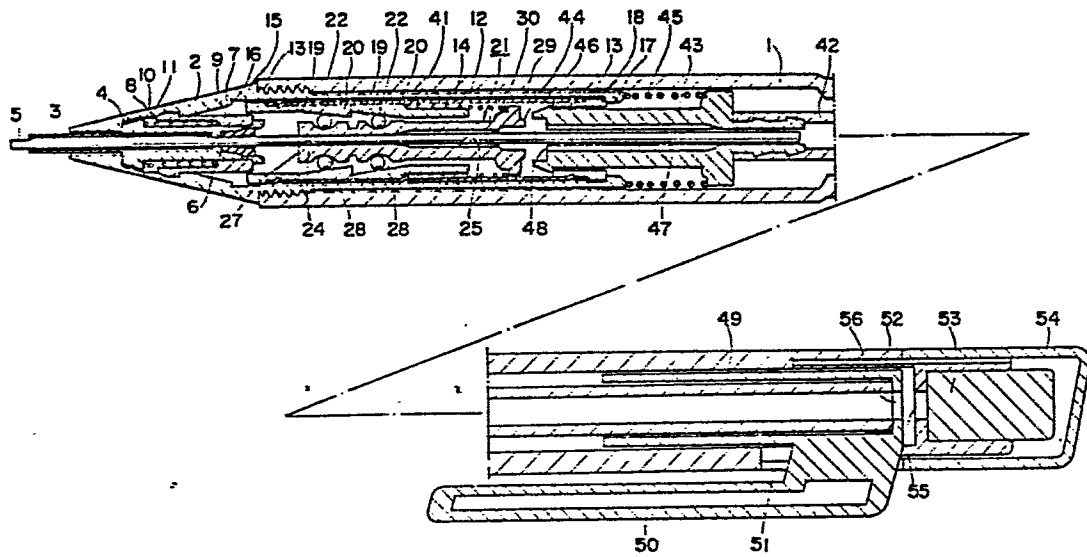
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(54) **Automatic mechanical pencil.**

(57) Automatic mechanical pencil provided with a chuck (21) which will grip a lead (5) to allow the advance of the same, wherein the lead is kept prevented from retraction when it is pushed back by writing pressure, while the advance movement of the lead is allowed when it is to be advanced. The chuck is formed by the combination of two chuck elements (27), which will cooperate to grip the lead at their front ends. Intermediate portions of the chuck elements are swingably connected, so that when rear portions of the connection are pushed by a spring (41), front portions of chuck elements will be opened in the direction of mutual disconnection to release the lead.

FIG. 1





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## EUROPEAN SEARCH REPORT

**0146128**

Application number

EP 84 11 5435

### 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. 4)
Y	EP-A-0 088 318 (FABER-CASTELL) * page 11, line 1 - page 13, line 14 *	1-4	B 43 K 21/22 B 43 K 21/02
Y	GB-A-2 001 011 (FABER-CASTELL) * page 3, line 127 - page 4, line 5; page 2, lines 65-72, 118-123 * -----	1-4	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 43 K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20-03-1985	Examiner VAN OORSCHOT J.W.M.

#### CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone  
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A : technological background  
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T : theory or principle underlying the invention  
E : earlier patent document, but published on, or after the filing date  
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