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## **EUROPEAN PATENT APPLICATION**

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## Methods and apparatus for marking and identifying hooks of electric motor collectors (54)

Methods and apparatus for marking and identifying a commutator hook of an electric motor are provided. A preselected commutator hook is marked by deforming the hook while the armature is in a winding machine, with a known angular position. The marked hook is identified by apparatus which determines whether or not the hook has been deformed while in the winding machine, and thereby recognizing the hook.



## **EUROPEAN SEARCH REPORT**

Application Number EP 94 10 8608

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with ind of relevant pass		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)	
A	EP-A-0 429 766 (AXIS	)	1,9,12, 17	H01R39/32	
	* column 1, line 3 - * column 1, line 51 figures 10-14 *	line 25 * - column 2, line 48;	-		
4	US-A-4 792 714 (D.C. * column 1, line 11 * column 3, line 35	 SCHLIETER) - line 59 * - line 55; figure 1 * 	1		
				TECHNICAL FIELDS SEARCHED (Int.Cl.5)	
				H01R B23K	
	The present search report has been	en drawn up for all claims	-		
	Place of search	Date of completion of the search	<del>-1</del>	Examiner	
BERLIN		30 April 1996	Alexatos, G		
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		E : earlier patent d after the filing her D : document cited L : document cited	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		

2