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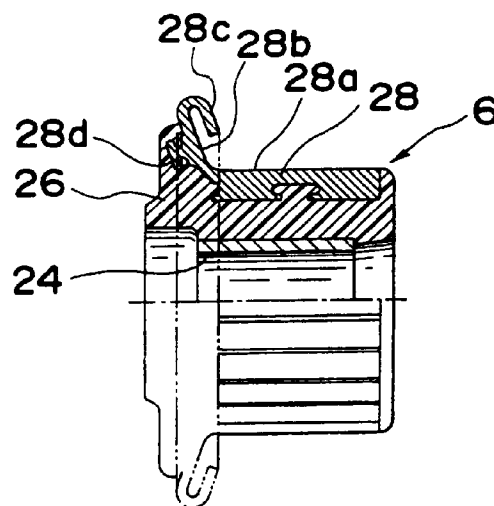
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(54) **Commutator and commutator motor**

(57) A commutator motor includes a carrier, an armature mounted in the carrier and having a rotary shaft, a commutator mounted in the carrier, and a field secured to the carrier so as to confront the armature. The commutator includes a cylindrical boss fixedly mounted on the rotary shaft, a molding material secured to the cylindrical boss, and a plurality of commutator segments secured to the molding material. Each of the commutator segments has a brush-sliding surface with which a brush assembly mounted on the carrier is held in contact, and also has an extension extending generally radially outwardly therefrom. The extension has a free end turned backward to define a generally U-shaped hook for holding a winding therein in a radially spaced relationship from the brush-sliding surface.

Fig. 2



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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 96108056 1
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 6)
X	DE 2312646 A (BOSCH) 19 September 1974 (19.09.74), the whole document. --	1-8	H 01 R 39/04 H 01 R 39/16
X	US 5012149 A (STROBL) 30 April 1991 (30.04.91), column 2, lines 16-68. --	1, 2, 5, 6	
X	GB 2189352 A (JOHNSON ELECTRIC) 21 October 1987 (21.10.87), page 1, lines 67-113. -----	1, 2, 5, 6	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 6)
			H 01 R H 02 K
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
VIENNA		06-04-1998	SCHLECHTER
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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