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EUROPEAN PATENT APPLICATION

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⑤① Int. Cl.³: **H 01 R 39/58**

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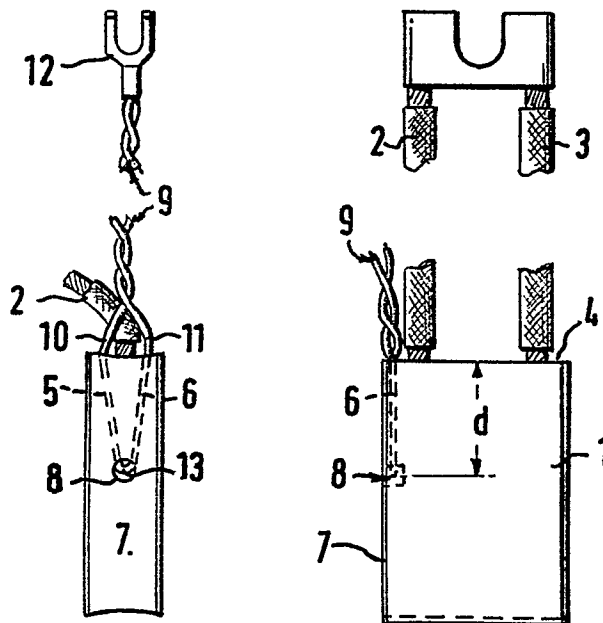
⑧④ Designated Contracting States: **BE CH DE FR GB IT LI SE**

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⑦④ Representative: **Weston, Robert Dale et al, c/o PHILLIPS & LEIGH 7 Staple Inn, Holborn London WC1V 7QF (GB)**

⑤④ **Electrical brushes.**

⑤⑦ Disclosed herein is an electrical brush (1) having a brush wear sensor (9) in the form of a loop (10, 11, 13) of insulated electrical conductor lying in a bore (5, 6) leading from an upper surface of the brush to a depth (d) equivalent to the point at which brush wear is to be sensed, the sensor loop passing around a fixed point of or in the brush at the bottom of the bore to anchor the sensor loop in the brush.





European Patent
Office

EUROPEAN SEARCH REPORT

0072693

(Application number)

EP 82 30 4314

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. ³)
D,Y	--- GB-A-1 158 298 (CELLO-PAK) *The whole document*	1,2	H 01 R 39/58
Y	--- GB-A- 795 998 (E.MITTELSTEN-SCHEID) *Page 2, lines 65-67,105-115*	1,2,4	
Y	--- US-A-3 153 164 (R.JOP) *Column 2, lines 17-28; column 3, lines 5,6*	1-4	
P,Y	--- US-A-4 316 186 (J.PURDY) *Column 5, lines 18-28*	5	

			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			H 01 R 39/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-11-1982	Examiner MOBOUCK G.C.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>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</div> <div>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</div>			