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**Toothbrush with a deflecting part having a deflection profile.**

The invention relates to a toothbrush with a deflecting part (4) which has a deflection profile and is positioned between brush head (1) and stem (5) for deflecting the brush head (1) when a certain contact pressure is reached. According to the invention the deflecting part (4) is a link (7), similar to a leaf spring, which connects the brush head (1) to the stem (5) and is covered at least on its front and back by a jacket (8) made of an elastomer. The elastomer is a natural or synthetic rubber, such as styrene-butadiene rubber, butyl rubber, ethylene rubber, propylene rubber, silicone rubber, or an ethylene vinyl acetate copolymer or plasticized PVC.

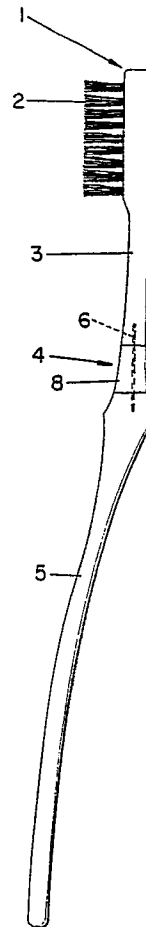


Fig. 2

EP 0 371 293 A3



**EUROPEAN SEARCH  
REPORT**

<b>DOCUMENTS CONSIDERED TO BE RELEVANT</b>			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-2 083 217 (BROTHERS ET AL.) * page 2, column 2, line 62 - page 3, column 1, line 26; figures 1-3 * - - -	1,2	A 46 B 15/00 A 46 B 7/06
A	FR-A-2 053 885 (BERNING) * page 1, line 36 - page 2, line 23; figure 1 * - - -	1,2	
A	FR-A-4 428 32 (PREVOST) * page 1, lines 20 - 46; figures 1-3 * - - - - -	1,2	
			<b>TECHNICAL FIELDS SEARCHED (Int. Cl.5)</b>
			A 46 B
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		03 June 91	ERNST R.T.
<b>CATEGORY OF CITED DOCUMENTS</b> 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			