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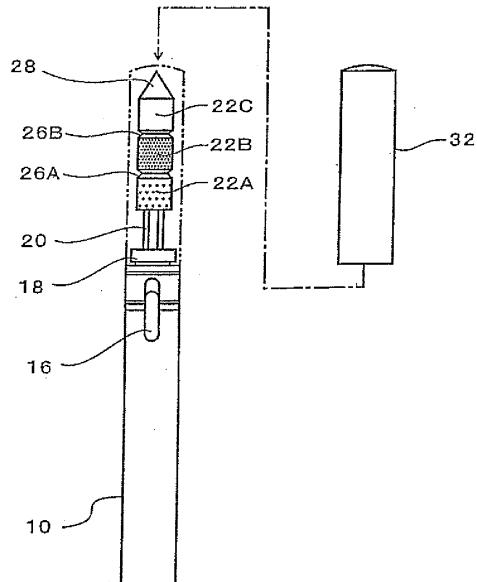
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### (54) Electric nail polisher

(57) An electric nail polisher that includes a file member rotationally driven by a motor 14 is comprised of a substantially tube-shaped grip unit 10 for housing the motor 14 and a battery 12; a rotary shaft 20 that protrudes from the center of one end of that grip unit 10 in the longitudinal direction of the grip unit 10; three file members 26 of a fixed diameter and of different file tooth coarseness, which are closely in contact in the axial direction of that rotary shaft 20, ring-shaped V grooves 26 formed in the outer circumferences of the contact portions of adjacent file members in which file teeth of different coarseness are formed, and a conical file member 28 for nail edge finishing which protrudes from the tip end surface of the file member at the tip end.

FIG. 1





## EUROPEAN SEARCH REPORT

Application Number  
EP 08 15 3456

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 5 161 552 A (KATHURIA MINESHWAR K [US]) 10 November 1992 (1992-11-10) * column 2 - column 3; figures 1-4 * -----	1-6	INV. A45D29/05 A45D29/14
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			TECHNICAL FIELDS SEARCHED (IPC)
			A45D
The present search report has been drawn up for all claims			
1	Place of search The Hague	Date of completion of the search 23 September 2010	Examiner Ionescu, C
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ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

EP 08 15 3456

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82