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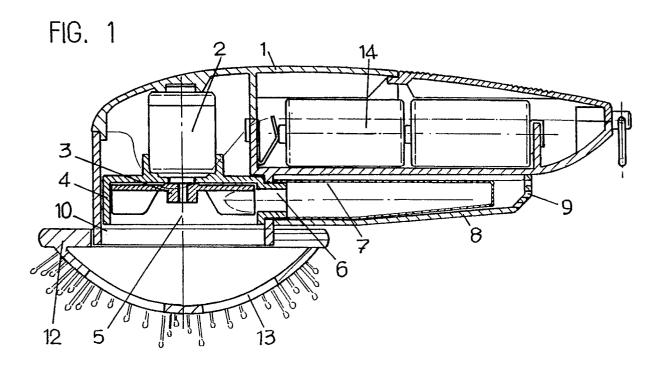
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- (54) Exhauster for hair pellicles and nits.

Exhauster for hair pellicles and nits, essentially characterized in that it comprises a streamlined body (1) easy to manipulate and comprising internally an electric micro-motor (2) on the shaft of which is coupled the hub (3) of a centrifugal turbine (4), determining an axial vertical exhaustion mouth (5) and a radial outlet conduct (6) to which a filtering cartridge (7) is adapted as a collector of the exhausted particles, and interchangeable thanks to a cover which defines a housing (8) with end openings (9) for the discharge of air, this exhauster presenting

the particularity that the exhaustion mouth (5-10) forms the coupling casing for an interchangeable series of brushes and combs (12) which present grooves between their points for passing of the particles located between the hair, so forming an effective treating means for cleanliness of hair with a double function of brush or comb, and of exhaustion or collection of pellicles, dust, pollution or nits, by using the brush or comb appropriate according to each case.

P 0 446 495 A1



The invention relates, as indicated by the title, to an exhauster or collector for the cleanliness of the hair, the features of which substantially improve the technical and functional qualities of the utensils known up to date, as brushes and combs, bringing to said utensils a new function with a high yield.

Basically, the invention proposes the combination of an exhauster apparatus the body of which is used as manual handle and as support of an interchangeable series of brushes and combs for treating hear.

The coupling of such utensils in the exhaustion mouth allows a new treatment of cleanliness for the hair, allowing during brushing and combing the exhaustion or collection of the pellicles, of the dust resulting from lacquer residues, pollution or nits, according to the brush or comb used in each case.

The exhauster basically comprises a motor of low voltage, which is controlled by celles or batteries which can be charged on the domestic mains, this motor being coupled with a system of blades, propellers or turbine which create the exhaustion through a mouth with which may be coupled in an interchangeable manner various kinds of brushes or combs through which the corresponding exhaustion or collection can be made.

For a better understanding of the invention, the latter will be described in a more detailed manner hereafter with reference to the enclosed drawings.

Figure 1 is a schematical longitudinal crosssection of the exhauster for hair cleanliness according to the invention of which the different fundamental parts may be seen.

Figure 2 shows a partial cross-section of the exhaustion mouth with schematically an example of coupling in an interchangeable manner for brushes and combs.

From the preceding description and by examining the enclosed drawings, it is possible practically to deduce the constitution and the operation of the apparatus according to the invention with the help of reference numerals.

The exhauster for the hair cleanliness according to the invention comprises a streamlined body 1 easy to manipulate and comprising internally an electric micro-motor 2 on the shaft of which is coupled the hub 3 of a centrifugal turbine 4, determining an axial vertical exhaustion mouth 5 and a radial outlet conduct 6 to which a filtering cartridge 7 is adapted, as collector of exhauted particles and interchangeable thanks to a cover which defines its housing 8 and comprises an end opening 9 for the discharge of air.

The exhaustion mouth 5 of the turbine is axially located in the exhaustion mouth or casing 10 of the body of the exhauster, which casing presents coupling means, for example a dovetail 11 for the corresponding interchangeability of brushes 12 or

combs, which present between their teeth grooves or orifices 13 for allowing the particles existing between the hair to pass.

The streamlined body 1 of the exhauster, which serves as handle also acts as container for the cells or batteries 14.

It seems not to be necessary to describe this apparatus more extensively because the ones skilled in the art will easily understand what is the invention and the advantages thereof, in particular for a new treatment of clearliness of the hair.

Other embodiments than the one described can be provided while remaining within the scope of the present patent.

Claims

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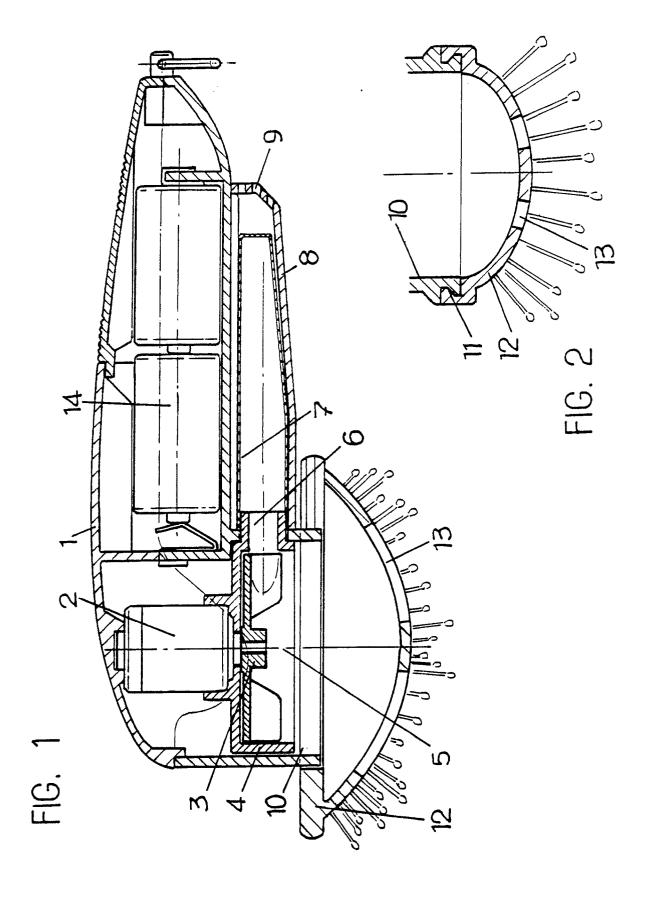
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1. Exhauster for hair pellicles and nits, essentially characterized in that it comprises a streamlined body (1) easy to manipulate and comprising internally an electric micro-motor (2) on the shaft of which is coupled the hub (3) of a centrifugal turbine (4), determining an axial vertical exhaustion mouth (5) and a radial outlet conduct (6) to which a filtering cartridge (7) is adapted as a collector of the exhausted particles, and interchangeable thanks to a cover which defines a housing (8) with end openings (9) for the discharge of air, this exhauster presenting the particularity that the exhaustion mouth (5-10) forms the coupling casing for an interchangeable series of brushes and combs (12) which present grooves between their points for passing of the particles located between the hair, so forming an effective treating means for cleanliness of hair with a double function of brush or comb, and of exhaustion or collection of pellicles, dust, pollution or nits, by using the brush or comb appropriate according to each case.

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Category	Citation of document with inc	DERED TO BE RELEVAN lication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)	
Y	DE - B - 1 457 (WEBER) * Totality	470	1	A 45 D 24/32	
Y	<u>US - A - 4 218</u> (COHN) * Totality		1		
				TECHNICAL FIELDS SEARCHED (Int. Cl.5)	
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	The present search report has b	een drawn up for all claims			
Place of search VIENNA		Date of completion of the search $09-04-1991$		Examiner PIRKER	
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