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EUROPEAN PATENT APPLICATION

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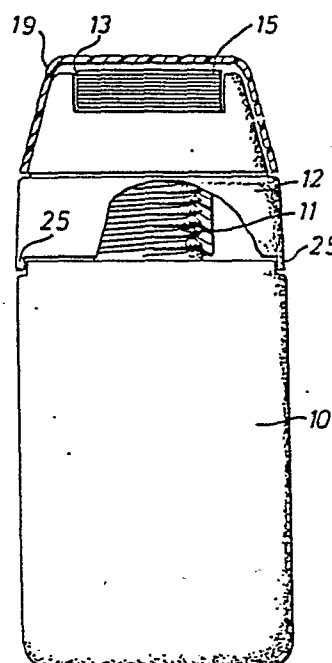
84 Designated Contracting States: **AT BE CH DE FR IT LI**
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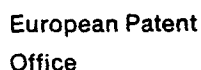
88 Date of deferred publication of search
report: **02.01.86 Bulletin 86/1**

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54 **Improvements in the application of depilatory materials.**

57 An applicator for applying a flowable depilatory chemical composition to the skin comprises a reservoir (10) charged with the composition, an applicator head (12) fastened to the reservoir having a flow passage for the composition leading from the reservoir to a mouth, and a generally cylindrical applicator roller (15) having an indented surface and journaled for rotation in the mouth. The reservoir (10) is removably connected to the applicator head (12) by a threaded neck (11) whose distal extremity is provided with a deformable circumferential flange (20) and the applicator head (12) has a bore (21) having a threaded portion that engages the neck (11) and that leads to a convergent portion (22) onto which the flange (20) seats as the applicator head (12) is screwed into position. The reservoir is charged with a flowable depilatory composition comprising up to 10% w/w of a sulphur-containing depilatory material, 0.5–30% w/w of an emulsifying wax to give an oils-in-water cream, 0.1–5% w/w of an inert cellulosic thickener that disperses in the aqueous phase and sufficient alkali to give a pH of 9.0–12.5 and also glucoheptanoic acid or a salt thereof and N-hydroxyethyl ethylene diamine triacetic acid or a salt thereof.





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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. 4)		
Y	<u>EP-A- 0 046 038</u> (INTERNATIONAL CHEMICAL COMP.) * Page 4, line 21 - page 6, line 2; figures 1-6 * ---	1,10	A 45 D 26/00 A 45 D 34/04 A 65 D 47/42		
D,Y	<u>GB-A- 2 113 994</u> (INVERNESS INTERNATIONAL) * Page 2, lines 11-44; figures 1-4 * ---	1,10			
A	<u>US-A- 2 029 056</u> (CARLSON) * Page 1, left-hand column, line 33 - right-hand column, line 28; figures 1-3,5 * ---	2,3			
A	<u>GB-A- 992 127</u> (METAL CONTAINER) * Figures 7,8 * ---	2			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	<u>DE-A- 2 164 430</u> (MENSSEN) * Page 8, lines 11-22; figures 1-3 * ---	2,4			A 45 D A 61 M B 65 D
A	<u>GB-A- 997 630</u> (JER CLAYDON) * Page 2, lines 70-88; figures 2-4 * ---	4			
A	<u>FR-A- 2 041 494</u> (RODER) . / .				
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					
Place of search The Hague		Date of completion of the search 08-06-1985	Examiner SIGWALT		
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone			T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category			E : earlier patent document, but published on, or after the filing date		
A : technological background			D : document cited in the application		
O : non-written disclosure			L : document cited for other reasons		
P : intermediate document			& : member of the same patent family, corresponding document		



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

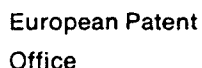
- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

X LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions,

namely: 1) Claims 1-5,10: Applicator for applying a depilatory composition to the skin and method of removing body hair
2) Claims 6-9: Flowable depilatory composition

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims: 1-5, 10



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Application number

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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. 4)
A	* Page 3, line 26 - page 5, line 24; figures 1-5 * --- <u>FR-A- 2 499 518</u> (DELALANDE) * Page 3, lines 13-21; figures 1,3, 5 4,8 * ---	5	
A	<u>US-A- 3 100 908</u> (ENGLE)		
A	<u>US-A- 4 168 128</u> (FILLMORE)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX The present search report has been drawn up in accordance with the provisions of Article 17(1) of the European Patent Convention of 1973.			
Place of search		Date of completion of the search	Examiner
CATEGORY OF CITED DOCUMENTS		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	
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			

