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(54) Title: SKIN AND HAIR WASH PREPARATION

(57) Abstract: The formulation is homogeneous, has a pH in the range from 6 to 8, and comprises the following (in which all percentages indicated are by weight): at least 50% of at least one fixed oil; at least 15 % of an alkali metal amphoacetate; at least 5 % of a lauryl betaine; at least 0.1% of a gelling agent; and an emulsifying amount of an organic emulsifying agent; a dermatologically acceptable amount of an organic acid such as citric acid, in an amount to ensure that the pH is in the range indicated above, and, optionally, one or more perfume agents, viscosity modifiers, sensory feel enhancers, and other additives conventionally included in such formulations, the balance being either incidental ingredients or non-deleterious ingredients, typically such that the formulation is in the form of a water-dilutable cream.



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**INTERNATIONAL SEARCH REPORT**

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**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. A61K8/365 A61K8/44 A61K8/60 A61K8/73 A61K8/92  
 A61Q5/02 A61Q19/10

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 A61Q A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/066017 A (COGNIS DEUTSCHLAND GMBH [DE]; SEIPEL WERNER [DE]) 14 August 2003 (2003-08-14) page 4, line 1 - line 3 page 5, paragraph 3 - page 6, paragraph 2 page 11 page 15, paragraph 1 example 1	1-10
Y	WO 03/074020 A (UNILEVER PLC [GB]; UNILEVER NV [NL]; LEVER HINDUSTAN LTD [IN]) 12 September 2003 (2003-09-12) example II; table 2	1-10
Y	US 2005/164896 A1 (DABKOWSKI DIANE M [US] ET AL) 28 July 2005 (2005-07-28) paragraph [0112]; claim 13	1-10
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See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/037942 A1 (OTTERSON RICHARD JOHN [US] ET AL) 17 February 2005 (2005-02-17) paragraph [0033]; claim 3 -----	1-10

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03066017	A	14-08-2003 DE 10205296 A1	21-08-2003
WO 03074020	A	12-09-2003 AU 2003210315 A1	16-09-2003
		EP 1480612 A1	01-12-2004
		JP 2005520003 T	07-07-2005
		US 2003171231 A1	11-09-2003
US 2005164896	A1	28-07-2005 BR PI0418059 A	17-04-2007
		CA 2553582 A1	04-08-2005
		CN 1925837 A	07-03-2007
		EP 1725213 A1	29-11-2006
		WO 2005070388 A1	04-08-2005
		JP 2007518752 T	12-07-2007
US 2005037942	A1	17-02-2005 US 2007270326 A1	22-11-2007