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(54) Title: PROCESS OF FORMING CRYSTALS FOR USE IN A PERSONAL CARE COMPOSITION

(57) Abstract: A method of making a stable deterative surfactant containing personal care composition comprising the steps of emulsifying a stabilizing agent in the presence of an anionic surfactant to form an emulsion containing droplets having a particle size of from 0.1 to 10 μm . These particles are then cooled to form a stabilizing premix at a rate of 10 to 1000 $^{\circ}\text{C}/\text{min}$ to form crystals from the droplets, the crystals having a maximum dimension of 0.1 to 3 μm . These crystals are then added to a deterative surfactant containing personal care composition to increase stability.



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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
 INV. A61Q5/00 A61Q19/00 A61Q19/10 A61K8/37 A61K8/46
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 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 practicable, search terms used)
 EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Diebold, Alain
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International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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