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(54) Title: PHYSIOLOGICAL COOLANTS BASED ON LACTOYL ESTERS OF MENTHYL LACTATE

(57) Abstract: A method of imparting a physiological cooling effect to a consumer product is disclosed. The method comprises formulating into the consumer product a composition comprising at least one lactoyl ester of menthyl lactate. Also disclosed is a method of providing physiological cooling by contacting skin or mucous membranes with the lactoyl ester compositions. Coolants comprising the lactoyl esters and additional coolants are also disclosed. The lactoyl esters are conveniently prepared from menthol and lactic acid.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. A61K8/37 A61Q5/00 A61Q11/00 A61Q11/02 A61Q13/00		
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) A61K A61Q		
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, CHEM ABS Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	claims; examples -----	1-7, 10-18
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☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.		
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Date of the actual completion of the international search	Date of mailing of the international search report	
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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 Miller, Bernhard	

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