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(81) Designated States (unless otherwise indicated, for every kind of national protection available):

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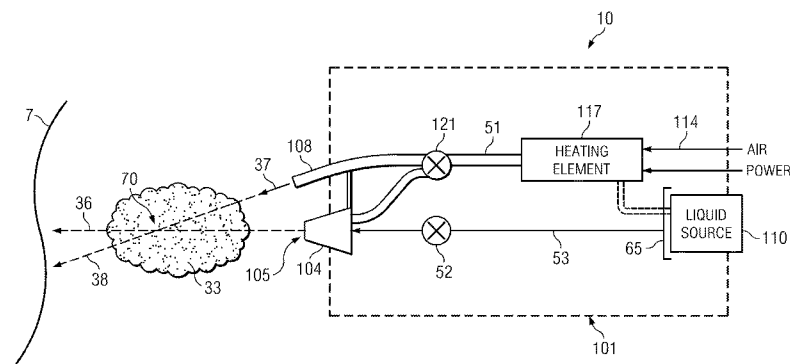


FIG. 1

(57) Abstract: Embodiments disclosed herein propose the controlled application of a heated spray cloud to a target surface. The spray cloud may be delivered in connection with applications of atomized (misted) sunless tanning sprays using a variety of spray systems. A formulation of the cosmetic or conditioning liquid may conduct and retain heat to allow a pleasantly warm spray to be received on the skin surface. The formula may come to temperature quickly and the heat may be retained even though a nozzle cooling effect inherently cools the spray as it leaves the nozzle.

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A. CLASSIFICATION OF SUBJECT MATTER*A45D 34/04(2006.01)i, B05B 7/00(2006.01)i, A61K 8/24(2006.01)i, A61K 8/34(2006.01)i*

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)

A45D 34/04; E01H 3/02; B05B 7/00; A61K 8/31; B05B 9/01; A61M 35/00; B05C 11/10; A61F 7/00

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords:heat, skin, treatment, spray, wax

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2009-0130044 A1 (CHOI VINCENT et al.) 21 May 2009 See abstract, paragraphs [0003]-[0012], claims 1-7, and figures 1-2.	26-28 1-25,29-33
Y	US 2009-0272316 A1 (ARNAUD PASCAL et al.) 05 November 2009 See abstract, paragraphs [0156]-[0169],[0272]-[0279],[0286]-[0292], and figures 5-6.	26-28
A	US 2011-0137268 A1 (THOMASON SCOTT et al.) 09 June 2011 See abstract, claim 1, and figure 1.	1-33
A	US 7387684 B2 (COOPER STEVEN C. et al.) 17 June 2008 See abstract, claim 1, and figures 1-7.	1-33
A	US 2005-0279865 A1 (SCOTT THOMASON et al.) 22 December 2005 See abstract, claims 1-8, and figures 1-6.	1-33

 Further documents are listed in the continuation of Box C. See patent family annex.

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Information on patent family members

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