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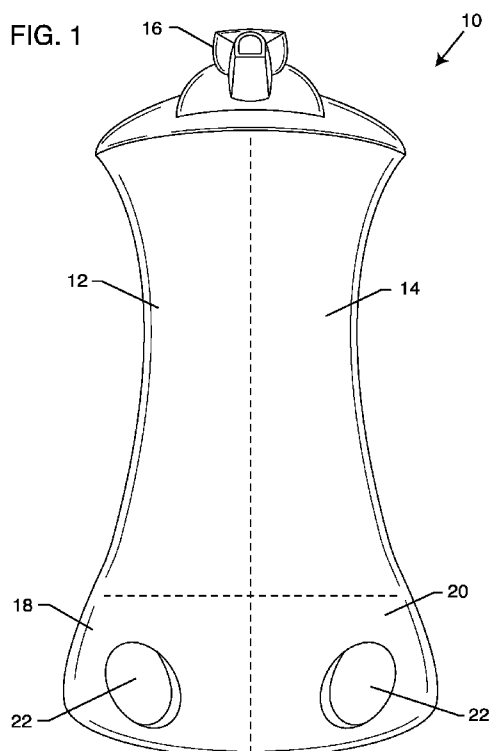
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(54) Title: ORAL CARE PRODUCT FORMULATION



(57) Abstract: A two-part oral care system includes a first vessel containing an oxidative composition having a pH less than 7.5 and a second vessel containing a reductant composition having a pH greater than 7. The first and second vessels isolate the oxidative and reductant compositions from reacting with one another during storage and the vessels can dispense the oxidative and reductant compositions for combining to result in a final composition for use. The oxidative composition includes an ozonated oil and an oxidant. The reductant composition includes an aloe gel or aloe vera, a xylitol, a ferrous sulfate, a sodium bicarbonate, a calcium carbonate, a zinc gluconate, a salt comprising, a bromelain, a papain and at least one essential oil. A probiotic lozenge may also be used after the two-part oral care system to install good bacteria.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2014/048326

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61Q 11/00 (2014.01)

CPC - A61Q 11/00 (2014.09)

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)

IPC(8) - A61K 8/22, 8/27; A61Q 11/00 (2014.01)

CPC - A61K 8/22, 8/27, 2800/88, 2800/882; A61Q 11/00 (2014.09)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 424/49, 50, 53

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

Orbit, Google Patents, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2012/0034280 A1 (COHEN et al) 09 February 2012 (09.02.2012) entire document	1-24
A	US 6,375,933 B1 (SUBRAMANYAM et al) 23 April 2002 (23.04.2002) entire document	1-24
A	US 6,409,992 B1 (KLEINBERG et al) 25 June 2002 (25.06.2002) entire document	1-24
A	WO 2012/120454 A1 (TORTINI et al) 13 September 2012 (13.09.2012) entire document	1-24
A	WO 2012/100991 A1 (POMPEJUS et al) 02 August 2012 (02.08.2012) entire document	1-24

☐ Further documents are listed in the continuation of Box C.

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"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

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"&" document member of the same patent family

Date of the actual completion of the international search

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