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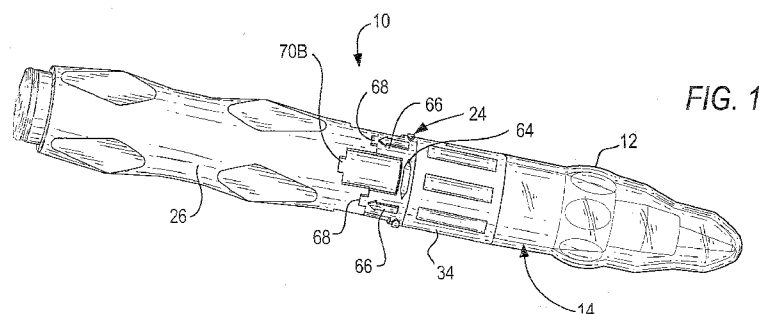
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(54) Title: LEAK-PROOF ART INSTRUMENT



(57) Abstract: Art instrument having a self-contained reservoir for storing and dispensing application liquid includes a reservoir body for containing the application liquid and a dispensing assembly that dispenses the application liquid from the reservoir. The dispensing assembly includes an applicator, a primary orifice restrictor including a channel, a movable actuating assembly that retains the applicator and the primary orifice restrictor and is movably connected to the reservoir body, and a secondary orifice restrictor arranged in an opening of the reservoir body and includes an initially closed channel. The instrument also includes a partly movable control mechanism that controls movement of the actuating assembly relative to the reservoir body. The control mechanism having a configuration in which it prevents opening of the closed channel and thereby prevents leakage of application liquid from the reservoir prior to manual activation by a user.



INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/043983**A. CLASSIFICATION OF SUBJECT MATTER*****B43K 23/08(2006.01)i, B43K 23/00(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)

B43K 23/08; B43K 5/06; B43K 5/04; A46B 11/04; B43M 11/06; B05C 11/10; A47L 13/22; A46B 11/00

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: leak proof, art instrument, closed channel, regulating ring

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 7172360 B2 (McSWEENEY, ANNE M. et al.) 06 February 2007 See column 5 lines 8-23, column 8 line 62 - column 9 line 39, and figures 1, 7A, 6B.	1-20
A	WO 2009-141747 A1 (PATENTS EXPLOITATION COMPANY B.V. et al.) 26 November 2009 See page 4 lines 15-18, page 6 lines 8-10, and figures 1,7-8.	1-20
A	US 2006-0228163 A1 (McSWEENEY, ANNE M. et al.)) 12 October 2006 See claim 1, and figure 1.	1-20
A	US 6536969 B2 (NISHITANI, ICHIRO) 25 March 2003 See column 2 line 42 - column 3 line 34, and figures 1A, 2B.	1-20

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

* Special categories of cited documents:

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"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

"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

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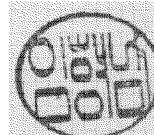
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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