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DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
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MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
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TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

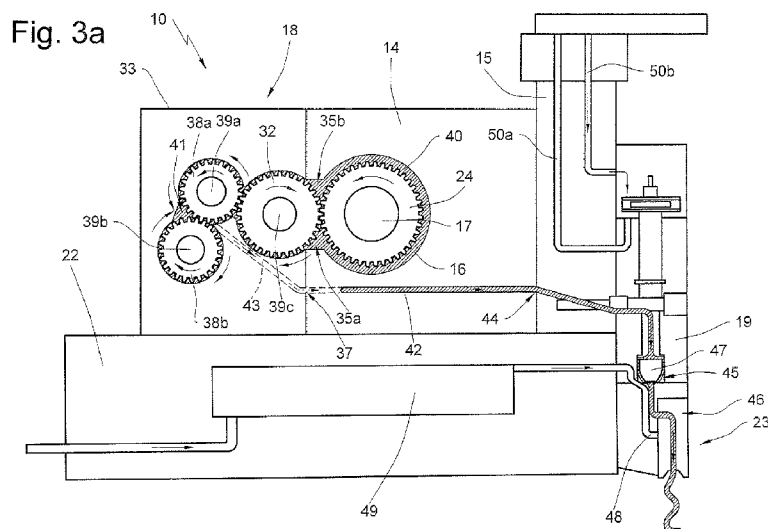
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(54) **Title:** APPARATUS FOR THE INTERMITTENT APPLICATION OF A LIQUID TO PASTY MEDIUM ONTO AN APPLICATION SURFACE



(57) **Abstract:** An apparatus (10) for the intermittent application of a liquid to pasty medium (40) onto an application surface, comprising an application valve (19) which can be switched between an open and a closed state and is intended for dispensing the medium (40) onto the application surface, a volumetric delivery pump (18) for metering a volume of the medium (40) to be passed on to the application surface (19), and a drive (51) for operating the volumetric delivery pump (18) is, inter alia, described and illustrated. The characteristic feature consists in that the apparatus (10) has an electronic controller (30) which, in each case cyclically, activates the drive (51) and the application valve (19) in dependence on each other.



INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. B05C5/02 F04C14/24 F04C14/08
ADD.

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)
B05C F04C

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	WO 99/54055 A1 (NORDSON CORP [US]) 28 October 1999 (1999-10-28) page 8, line 13 - line 21 page 9, line 10 - page 10, line 16 page 11, line 4 - line 13 page 17, line 4 - line 11 page 28, line 10 - page 29, line 2 figures 1-6	1,2,4-8
Y	DE 10 2005 014654 A1 (GKN DRIVELINE INT GMBH [DE]) 5 October 2006 (2006-10-05) paragraph [0027] figure 3 ----- -/-	1,2,4-8



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

International application No

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	WO 99/43606 A1 (FLUID RESEARCH CORP [US]) 2 September 1999 (1999-09-02) page 5, line 11 - page 6, line 13 page 7, line 32 - page 8, line 25 figure 1	1-3,5,6, 8,9
A	----- EP 1 429 029 A2 (ILLINOIS TOOL WORKS [US]) 16 June 2004 (2004-06-16) cited in the application the whole document -----	1,2,4,5, 7,8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2011/065565

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