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- (71) Applicant (for all designated States except US): **Jan Kelders Beheer B.V.** [NL/NL]; Wolput 39, Postbus 28, NL-5250 AA Vlijmen (NL).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **VAN SWIETEN, Roy** [NL/NL]; Stationsweg 4, NL-5321 NH Hedel (NL).
KELDERS, Johannes Hubertus Jozef Maria [NL/NL]; Wolput 39, NL-5251 CC Vlijmen (NL).
- (74) Agent: **SPIERENBURG, Pieter**; Spierenburg & Partner AG, Patent- und Markenanwälte, Mellingerstrasse 12, CH-5443 Niederrohrdorf (CH).
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(54) Title: PUMPING DEVICE FOR A FLUID CONTAINER

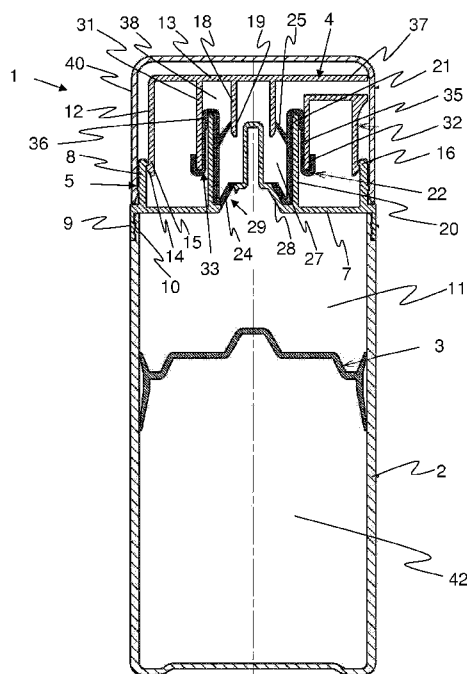


Fig. 1

(57) Abstract: A novel pumping device (1) with an actuator (4) and a head part (5) for dispensing a fluid from a container (2) is described. The actuator (4) comprises an outlet conduit (37) and a first cylindrical member (18) and the head part (5) comprises a second cylindrical member (20) which is arranged coaxially to the first cylindrical member. A folded membrane member (22) with an inlet valve (24) and an outlet valve (25) is provided between the first (18) and second (20) cylindrical members, such that the first (18) and second (20) cylindrical members and the folded membrane member (22) provide a variable pump chamber (27). The outlet valve (25) is arranged relative to the actuator (4) in such a manner that a suck-back chamber (38) with a variable volume is provided between the outlet valve (25) and the outlet conduit (37), which is simultaneously reduced as the pumping chamber (27) is reduced.



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B. FIELDS SEARCHED

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

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EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2008/110934 A1 (BEHAR ALAIN [FR]) 15 May 2008 (2008-05-15) paragraphs [0016], [0022], [0023]; figures -----	1,5,7, 10-12
Y	DE 87 13 891 U1 (WELLA AG.) 16 February 1989 (1989-02-16) page 4, line 22 - page 5, line 21; figure 1 figures 2-4 -----	1,4-7, 10-12
Y	US 2010/116849 A1 (LAUTRE PHILIPPE [FR]) 13 May 2010 (2010-05-13) paragraph [0065] - paragraph [0069]; figures 12-13 paragraph [0080] - paragraph [0084] figures 1-7 paragraph [0036]; figures 8-11 ----- -/-	1,4-7, 10-12



Further documents are listed in the continuation of Box C.



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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Endrizzi, Silvio

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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