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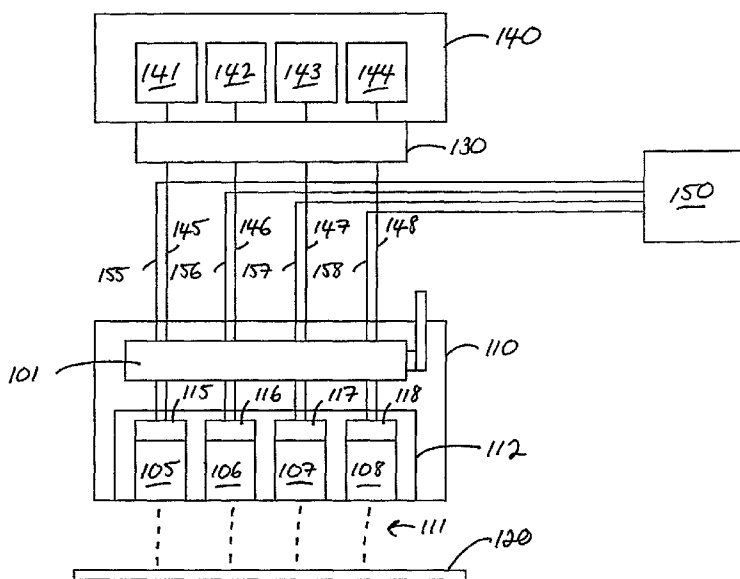
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(54) Title: FLUID HANDLING IN DROPLET DEPOSITION SYSTEMS



100

(57) Abstract: In general, in a first aspect, the invention features a droplet deposition system (100), including a jetting assembly (112) comprising one or more modules (105-108) capable of ejecting droplets (111), a plurality of conduits (145-148, 155-158) in fluid communication with the jetting assembly (112), and a valve (101) coupled to the conduits (145-148, 155-158) and adjustable between a first state in which fluid flow through the conduits (145-148, 155-158) is substantially prevented and a second state in which fluid flow through the conduits (145-148, 155-158) is allowed.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **B41J 2/01(2006.01),2/025(2006.01),2/17(2006.01)**

 USPC: 347/84,85
 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)
 U.S. : 347/84,85

 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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ✓	US 5,691,753 (HILTON) 25 November 1997 (25.11.1997), column 3, lines 37-39, column 4, lines 66-67, column 5, lines 1-9, column 5, lines 57-67, column 6, lines 1-16.	1-7,10,12-14,19,22-25
X ✓	US 5,691,753 (HILTON) 25 November 1997 (25.11.1997), column 3, lines 37-39, column 4, lines 66-67, column 5, lines 1-9, column 5, lines 57-67, column 6, lines 1-16.	1-7,10,12-14,19,22-25
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Y	US 5,434,605 (OSBORNE) 18 July 1995 (18.07.1995), column 2, lines 26-31, column 3, lines 42-57, column 4, lines 1-14, column 7, lines 56-60.	8,9,15-17,20,21
X	US 5,691,753 (HILTON) 25 November 1997 (25.11.1997), column 3, lines 37-39, column 4, lines 66-67, column 5, lines 1-9, column 5, lines 57-67, column 6, lines 1-16.	1-7,10,12-14,19,22-25
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Y	US 5,923,353 (BOYD et al) 13 July 1999 (13.07.1999), column 6, lines 1-8.	11
X	US 5,434,605 (OSBORNE) 18 July 1995 (18.07.1995), column 2, lines 26-31, column 3, lines 42-57, column 4, lines 1-14, column 7, lines 56-60.	14-17,20,21,26

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

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