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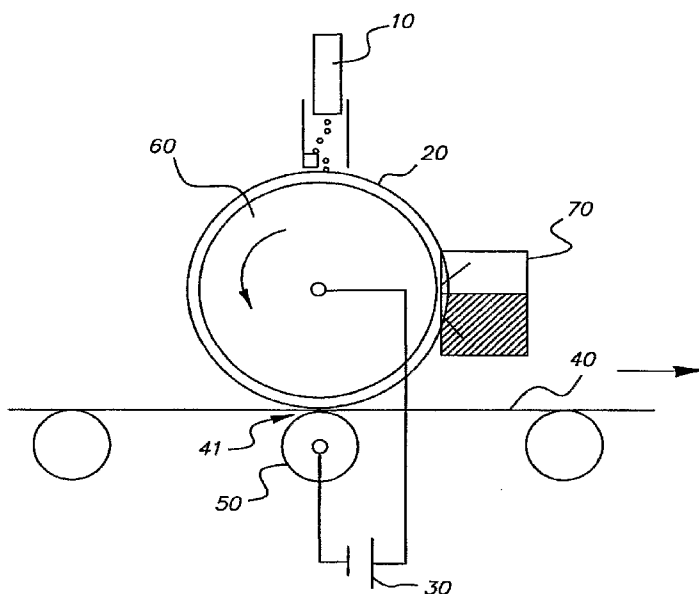
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[Continued on next page]

(54) Title: INK JET PRINTING ON PATTERNED SUBSTRATE



(57) Abstract: Method and apparatus for printing an image-wise ink pattern on a receiver. A primary imaging member includes a series of substantially equal-sized cells located over the substrate surface thereof. The primary imaging member has an electrically conductive layer. An ink jet printhead selectively ejects drops of ink into the primary imaging member cells in a desired image-wise ink pattern. The image-wise ink on the primary imaging member is fractionated to separate the liquid in the ink. A receiver is transported into operative association with the primary imaging member, and a transfer mechanism applies a pressure between the receiver and the primary imaging member, and establishes an electrostatic field to transfer the image-wise ink pattern to the receiver.



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B. FIELDS SEARCHED

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 2003/227503 A1 (KLAUSBRUCKNER MICHAEL J [US] ET AL) 11 December 2003 (2003-12-11) figures 3,4	1-23
X	EP 0 561 419 A (SEIKO EPSON CORP [JP] SEIKO EPSON CORP [CH]) 22 September 1993 (1993-09-22) column 9, lines 30-36	1-23
X	US 2006/001722 A1 (STELTER ERIC C [US] ET AL) 5 January 2006 (2006-01-05) the whole document	1-23

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☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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