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SE**

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(54) Inkjet printer with electrostatically actuated plates

(57) In an inkjet nozzle comprising:

a nozzle chamber having an ink ejection port in one wall of said chamber;
an ink supply source interconnected to said nozzle chamber;
an electrostatic actuator to eject ink from said nozzle chamber via said ink ejection port, said electrostatic actuator comprising a series of conductive parallel

plates interleaved with a resiliently compressible material; such that, a potential difference across said plates attracts adjacent plates to one another thereby causing said compressible material to resiliently yield; and
reducing said potential difference returns said compressible material to its quiescent state, thereby resulting in the ejection of ink from said ejection port.

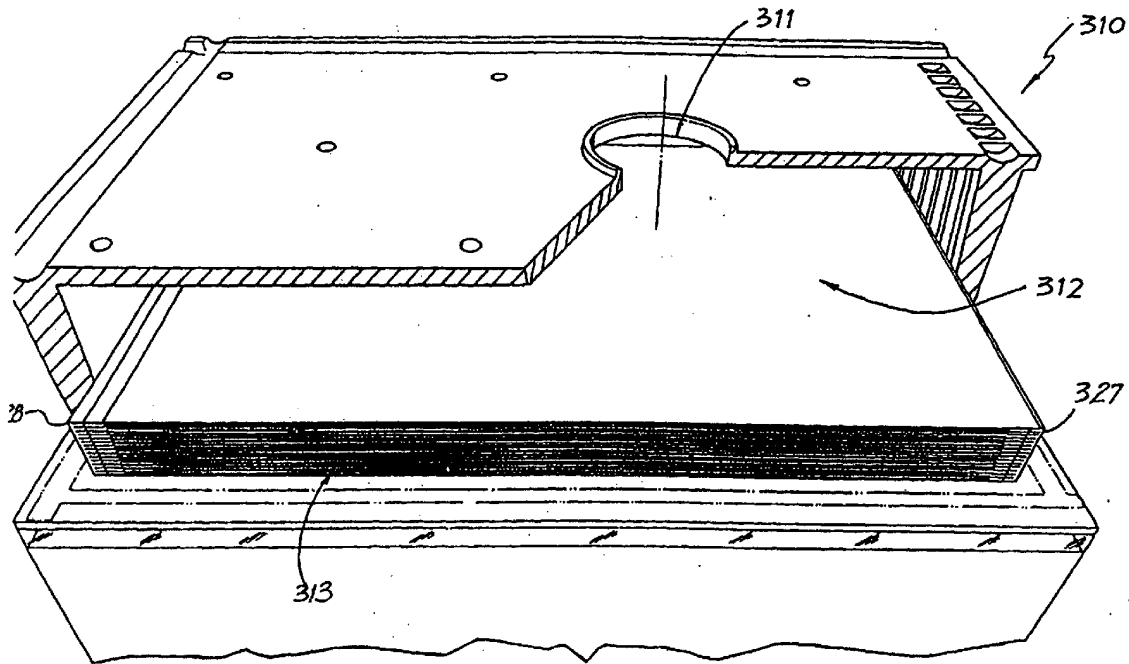


FIG. 37



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 12 January 2005	Examiner Ziegler, H-J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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