

Title (en)  
VENT IN A MICRO ELECTRO-MECHANICAL DEVICE

Title (de)  
ENTLÜFTUNGEN FÜR MIKROELEKTROMECHANISCHE BAUELEMENTE

Title (fr)  
EVENTS POUR DISPOSITIF ELECTROMECHANIQUE MINIATURISE

Publication  
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Application  
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Abstract (en)  
[origin: WO0102288A1] A micro electro-mechanical device embodied within an ink ejection nozzle (13) having an actuating arm (28) that is caused to move an ink displacing paddle (27) when heat inducing electric current is passed through the actuating arm is disclosed. The paddle is located in an ink chamber (24) and the actuating arm passes through an actuator aperture (54) in the chamber. The actuating arm including the paddle is moved to eject a droplet (D). The chamber includes a plurality of vents (5) for venting to atmosphere air bubbles which may form in the chamber when the device operates to eject droplets of ink.

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