

Title (en)  
Ink spraying device and method

Title (de)  
Vorrichtung und Verfahren zum Zerstäuben von Tinte

Title (fr)  
Dispositif et procédé de pulvérisation d'encre

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**EP 0816083 A2 19980107 (EN)**

Application  
**EP 97304601 A 19970627**

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Abstract (en)  
The invention provides an ink-jet printing head comprising an ink chamber having an orifice through which ink is ejected and working fluid chamber separated from the ink chamber by a thermally conductive and thermally expansive membrane and having first and second electrodes, electrically isolated from each other and adapted to pass current through a resistor positioned spaced from and opposite the membrane so as to create bubbles in the working fluid thus to deform the member so as to eject ink through the orifice. A method of spraying ink is also provided. <IMAGE>

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Cited by  
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