

Title (en)

Inkjet nozzle with magnetic actuator chamber

Title (de)

Tintenstrahldüse mit magnetischer Antriebskammer

Title (fr)

Buse de jet d'encre avec chambre-actuateur magnétique

Publication

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Application

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- AU PO803597 A 19970715
- AU PO804497 A 19970715
- AU PO806397 A 19970715
- AU PO805697 A 19970715
- AU PO806997 A 19970715
- AU PO804997 A 19970715
- AU PO803697 A 19970715
- AU PO804897 A 19970715
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- AU PO806797 A 19970715
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- AU PO793397 A 19970715
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- AU PO806097 A 19970715
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- AU PO807397 A 19970715
- AU PO807697 A 19970715
- AU PO807597 A 19970715
- AU PO807797 A 19970715
- AU PO805897 A 19970715
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Abstract (en)

An ink jet nozzle arrangement for the ejection of ink from an ink ejection nozzle comprising: a substrate; a conductive coil formed on said substrate and operable in a controlled manner; a moveable magnetic actuator surrounding said conductive coil and forming an ink nozzle chamber between said substrate and said actuator, said moveable magnetic actuator further including an ink ejection nozzle defined therein; wherein variations in the energization level of said conductive coil cause said magnetic actuator to move from a first position to a second position, thereby causing a consequential ejection of ink from said nozzle chamber as a result of fluctuations in the ink pressure within said nozzle chamber. <IMAGE>

IPC 1-7

B41J 2/16; B41J 2/14; B41J 2/045

IPC 8 full level

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Citation (search report)

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