Title (en)

Inkjet nozzle with Lorentz force actuator

Title (de)

Tintenstrahldüse mit Lorentz-Kraft-Element

Title (fr)

Buse de jet d'encre avec actuateur à force Lorentz

Publication

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Application

**EP 04024064 A 19980715**

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- AU PO807197 A 19970715
- AU PO804797 A 19970715
- 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
- AU PO807097 A 19970715
- AU PO806797 A 19970715
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- AU PO795097 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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- AU PP398298 A 19980609
- EP 98933350 A 19980715

Abstract (en)

An ink jet nozzle arrangement having an ink ejection port for the ejection of ink said nozzle comprising: a nozzle chamber interconnected to said ink ejection port and having one moveable wall including an electromagnetic coil, said nozzle chamber being in a magnetic field such that, upon activation of said electromagnetic coil, said moveable wall experiences a lorenz force and is caused to move so as to result in the ejection of ink from said nozzle chamber via said ink ejection port. <IMAGE>

IPC 1-7

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

IPC 8 full level

**B41J 2/045** (2006.01); **B41J 2/13** (2006.01); **B41J 2/14** (2006.01); **B41J 2/16** (2006.01); **B41J 2/175** (2006.01); **B41J 3/42** (2006.01); **B41J 3/44** (2006.01)

CPC (source: EP)

**B41J 2/14314** (2013.01); **B41J 2/14427** (2013.01); **B41J 2/1623** (2013.01); **B41J 2/1628** (2013.01); **B41J 2/1629** (2013.01); **B41J 2/1631** (2013.01); **B41J 2/1632** (2013.01); **B41J 2/1635** (2013.01); **B41J 2/1639** (2013.01); **B41J 2/1642** (2013.01); **B41J 2/1643** (2013.01); **B41J 2/1645** (2013.01); **B41J 2/1646** (2013.01); **B41J 2/1648** (2013.01); **B41J 2/17596** (2013.01); **B41J 3/445** (2013.01); B41J 2002/041 (2013.01)

Citation (search report)

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