

Title (en)

MAGNETIC-FIELD-ACUTATED INK JET NOZZLE

Title (de)

MAGNETFELD-BETÄTIGTE TINTENSTRAHLDÜSE

Title (fr)

BUSE DE JET D'ENCRE, ACTIONNE PAR UN CHAMP MAGNETIQUE

Publication

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Application

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- AU PO804497 A 19970715
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- AU PO805697 A 19970715
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- AU PO803697 A 19970715
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- AU PO806797 A 19970715
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- AU PO805997 A 19970715
- AU PO807397 A 19970715
- AU PO807697 A 19970715
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Abstract (en)

[origin: EP1512535A1] An ink jet printing nozzle apparatus comprising: a nozzle chamber in fluid communication with an ink chamber and utilized for the storage of ink to be printed out by said nozzle apparatus, said nozzle chamber having a nozzle chamber outlet hole for the ejection of ink from said nozzle chamber; a magnetic piston located over an aperture in said nozzle chamber; and an activation coil located adjacent to said magnetic piston, said coil upon activation by a current applying a force to said piston sufficient to cause movement of said piston from a first position to a second position, said movement causing ink within said nozzle chamber to be ejected from said nozzle chamber through a nozzle chamber outlet hole onto print media. <IMAGE>

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IPC 8 full level

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