

Title (en)

Method for manufacturing a fluid cavity in an ink jet print head

Title (de)

Verfahren zum Herstellen eines Flüssigkeitshohlraumes in einem Tintenstrahldruckkopf

Title (fr)

Procédé de fabrication d'une cavité à fluide dans une tête d'impression à jet d'encre

Publication

EP 0764534 A3 19970917 (EN)

Application

EP 96306775 A 19960918

Priority

US 53086795 A 19950919

Abstract (en)

[origin: EP0764534A2] A continuous ink jet printing system includes a resonator having an internal fluid cavity. An initial aperture is drilled through the internal fluid cavity. A wire electrical discharge machining process is then applied to the surface of the internal fluid cavity to achieve a desired aperture dimension. The final aperture can be honed to improve surface finish. <IMAGE>

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B41J 2/16

IPC 8 full level

B41J 2/025 (2006.01); **B41J 2/045** (2006.01); **B41J 2/055** (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 206 (M - 708) 14 June 1988 (1988-06-14)
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- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 369 (M - 860) 16 August 1989 (1989-08-16)

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