

Title (en)

Brazing process for a continuous ink jet printhead

Title (de)

Hartlötverfahren für einen kontinuierlich arbeitenden Tintenstrahldrucker

Title (fr)

Procédé de brasage fort pour une tête d'impression à jet d'encre continu

Publication

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Application

**EP 97302688 A 19970421**

Priority

US 64006496 A 19960430

Abstract (en)

A brazing process is provided for joining machined resonator portions (1A,1B) to yield a single resonator body (1) for a continuous ink jet printhead. A first resonator body portion (1A) and a second resonator body portion (1B) are provided, each resonator portion having partial fluid ingress (8), fluid egress (9), and nozzle plate (2) channel fluid cavities. A braze preform is then insertable between the first and second resonator body portions to join the first and second resonator body portions. Alignment pins secure and align the first resonator body portion (1A) to the second resonator body portion (1B). <IMAGE>

IPC 1-7

**B41J 2/025**; **B41J 2/16**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] US 4135197 A 19790116 - STONEBURNER LEONARD G
- [A] EP 0051132 A1 19820512 - IBM [US]
- [A] EP 0624469 A1 19941117 - SCITEX DIGITAL PRINTING INC [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 276 (M - 346) 18 December 1984 (1984-12-18)

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