

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

EP 0805026 B1 20000524 (EN)

Application

EP 97302688 A 19970421

Priority

US 64006496 A 19960430

Abstract (en)

[origin: EP0805026A1] 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

B41J 2/025 (2006.01); **B41J 2/075** (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP)

B41J 2/025 (2013.01); **B41J 2202/22** (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0805026 A1 19971105; **EP 0805026 B1 20000524**; AU 1993997 A 19971106; AU 716068 B2 20000217; CA 2203952 A1 19971030; DE 69702090 D1 20000629; DE 69702090 T2 20001221; JP H1034937 A 19980210

DOCDB simple family (application)

EP 97302688 A 19970421; AU 1993997 A 19970430; CA 2203952 A 19970429; DE 69702090 T 19970421; JP 11105497 A 19970428