

Title (en)

Method of forming an inkjet printhead nozzle structure

Title (de)

Verfahren zum Bilden einer Düsenstruktur für einen Tintenstrahldruckkopf

Title (fr)

Procédé de formation d'une structure de buses pour tête d'impression à jet d'encre

Publication

**EP 0761448 B1 20021127 (EN)**

Application

**EP 96306160 A 19960822**

Priority

US 51990695 A 19950828

Abstract (en)

[origin: EP0761448A2] A composite structure containing a nozzle layer and an adhesive layer is provided and the adhesive layer is coated with a polymeric sacrificial layer. The coated composite structure is laser ablated to form one or more nozzles in the structure and the sacrificial layer is removed. The sacrificial layer is preferably a water soluble polymer and is most preferably polyvinyl alcohol which is removed by directing jets of water at the sacrificial layer until it is substantially removed from the adhesive layer.

IPC 1-7

**B41J 2/16**

IPC 8 full level

**B41J 2/135** (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP)

**B41J 2/162** (2013.01); **B41J 2/1623** (2013.01); **B41J 2/1634** (2013.01)

Cited by

EP0914954A1; US6076910A; US7893386B2; EP0914949A3; EP1531050A1; CN102085755A; EP0869005A3; EP1864812A1; EP0914948A3; US6158843A; EP0867292A3; EP0867294A3; EP0913260A3; EP0899108A2; US6283584B1; EP0890438A2; US6426481B1; US6790309B2; US6515255B1; EP0914948A2; US6507002B1; WO0224396A1; EP0891127A2; US7159793B2; US8960886B2; US6179413B1; US6183064B1; US6323456B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0761448 A2 19970312; EP 0761448 A3 19971022; EP 0761448 B1 20021127**; DE 69625002 D1 20030109; DE 69625002 T2 20030731; JP 3899396 B2 20070328; JP H09118017 A 19970506

DOCDB simple family (application)

**EP 96306160 A 19960822**; DE 69625002 T 19960822; JP 24554296 A 19960828