

Title (en)

Direct plating of an orifice plate onto a holder

Title (de)

Direkte Plattierung einer Düsenplatte auf einem Halter

Title (fr)

Placage direct d'une plaque d'orifice sur un support

Publication

EP 0784105 A2 19970716 (EN)

Application

EP 96309171 A 19961216

Priority

US 57725195 A 19951222

Abstract (en)

An orifice plate is fabricated for use in an ink jet printer. Initially, a mandrel is provided, and a holder is aligned to the mandrel. The mandrel and the holder are maintained in intimate contact and at equal electrical potential. The mandrel and the holder are placed at cathodic polarity. A plating material is then applied to the combined mandrel and holder to cause the mandrel and holder to form a single orifice plate directly bonded to the holder. The mandrel is then removed from the orifice plate. <IMAGE>

IPC 1-7

C25D 1/10; **B41J 2/16**

IPC 8 full level

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CPC (source: EP)

B41J 2/162 (2013.01); **B41J 2/1625** (2013.01); **C25D 1/08** (2013.01)

Citation (applicant)

- US 4773971 A 19880927 - LAM SI-TY [US], et al
- US 33106094 A 19941028
- US 4184925 A 19800122 - DOYLE E J [US]

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EP1080907A3; US7377618B2; US7942997B2; WO2006091345A1

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EP 0784105 A2 19970716; **EP 0784105 A3 19971001**; **EP 0784105 B1 20011017**; CA 2193157 A1 19970623; DE 69616008 D1 20011122; DE 69616008 T2 20020529; JP H09216369 A 19970819

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