

Title (en)
NOZZLE PLATE FOR AN INK JET PRINT HEAD

Title (de)
DÜSENPLATTE FÜR TINTENSTRAHLDRUCKKOPF

Title (fr)
PLAQUE DE BUSE POUR TETE D'IMPRESSION PAR JET D'ENCRE

Publication
EP 0975465 A1 20000202 (EN)

Application
EP 98919757 A 19980409

Priority
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Abstract (en)
[origin: WO9847712A1] A nozzle plate (200) for an ink jet print head transducer (2). The nozzle plate comprises a silicon portion (205) with two substantially parallel surfaces (235, 238). Nozzle orifices (210) are fabricated on both surfaces of silicon wafer by etching a plurality of grooves into a silicon wafer. After the grooves are etched into the surface of the silicon, a glass plate (220, 222) is laminated onto each surface of the silicon. After the glass plate is laminated onto the silicon wafer, the resulting glass-silicon-glass sandwich is diced into multiple nozzle plates.

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B41J 2/14

IPC 8 full level
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