

Title (en)
INKJET PRINthead HAVING ISOLATED NOZZLES

Title (de)
TINTENSTRAHLDRUCKKOPF MIT ISOLIERTEN DÜSEN

Title (fr)
TETE D'IMPRESSION A JET D'ENCRE COMPORTANT DES BUSES ISOLEES

Publication
EP 1861256 A4 20130320 (EN)

Application
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Priority
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Abstract (en)
[origin: WO2006099652A1] A printhead suitable for minimizing cross-contamination between nozzles (3) is provided. The printhead comprises a substrate (8), which includes a plurality of nozzles (3) for ejecting ink droplets onto a print medium. Each nozzle (3) has a nozzle aperture (5), which is defined in an ink ejection surface of the substrate (8). The printhead also comprises a plurality of formations on the ink ejection surface. The surface formations are configured to isolate each nozzle (3) from at least one adjacent nozzle (3), and typically take the form of enclosure (60) surrounding each nozzle (3).

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Citation (search report)

- [XAI] US 2004174411 A1 20040909 - SUMIYA TOSHIHARU [JP], et al
- [A] US 6347859 B1 20020219 - KAWAKAMI HIROSHI [JP], et al
- See references of WO 2006099652A1

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