

Title (en)

METHOD OF FABRICATING PRINTHEAD HAVING HYDROPHOBIC INK EJECTION FACE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES DRUCKKOPFS MIT HYDROPHOBER TINTENAUSSTOSSFLÄCHE

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE TÊTE D'IMPRESSION AYANT UNE FACE D'ÉJECTION D'ENCRE HYDROPHOBE

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Application

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Abstract (en)

[origin: WO2008109910A1] A method of fabricating a printhead having a hydrophobic ink ejection face is provided. The method comprises the steps of: (a) providing a partially-fabricated printhead comprising a plurality of nozzle chambers and a relatively hydrophilic nozzle surface, the nozzle surface at least partially defining the ink ejection face; (b) depositing a layer of relatively hydrophobic polymeric material onto the nozzle surface, the polymeric material being resistant to removal by ashing; and (c) defining a plurality of nozzle openings in the nozzle surface, thereby providing a printhead having a relatively hydrophobic ink ejection face. Steps (b) and (c) may be performed in any order.

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