

Title (en)

Method for manufacturing an ink jet recording head

Title (de)

Herstellungsverfahren für einen Tintenstrahlaufzeichnungskopf

Title (fr)

Méthode de fabrication pour une tête d'enregistrement à jet d'encre

Publication

EP 0693379 B1 20000607 (EN)

Application

EP 95110506 A 19950705

Priority

JP 15728794 A 19940708

Abstract (en)

[origin: EP0693379A2] An ink jet recording head is formed by the steps of dipping a cavity pattern member alternately in a solution of an electrode material and in a solution of a piezoelectric material, with a drying step interposed therebetween, to form a unitary body of the cavity pattern member and a laminate of the electric material and the piezoelectric material, and removing the cavity pattern member from the unitary body to form an ink cavity inside the laminate. The ink cavity has a circular cross-section and has a dimensional accuracy. The piezoelectric films can apply a uniform pressure for jetting of ink. A simple process for manufacturing the ink jet recording head reduces the costs thereof. <MATH>

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CPC (source: EP)

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