

Title (en)

Electrostatic ink jet recording head

Title (de)

Elektrostatistischer Tintenstrahldruckkopf

Title (fr)

Tête d'enregistrement à jet d'encre électrostatique

Publication

EP 0760290 A2 19970305 (EN)

Application

EP 96113783 A 19960828

Priority

JP 22194695 A 19950830

Abstract (en)

In a combination of an ink flow path (1) having at one end an ink chamber (10) for storing ink (I) containing charged toner particles and at the other end an ink outlet (4) communicating with the outside, a discharge part forming member (5b) constituting a contour of the ink flow path (1), and a discharge electrode (3) provided together with the discharge part forming member (5b) for generating an electric field to discharge an ink jet (T), the discharge part forming member (5b) has an ink discharge face (2) formed to be pointed in a V-shape so that the ink outlet (4) is substantially flush with a pointed end of the V-shape, and the discharge electrode (3) has its far end disposed substantially in a middle of the V-shape. <IMAGE>

IPC 1-7

B41J 2/41

IPC 8 full level

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CPC (source: EP)

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