

Title (en)
Ink jet recording apparatus

Title (de)
Tintenstrahlaufzeichnungsgerät

Title (fr)
Appareil d'enregistrement à jet d'encre

Publication
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Application
EP 96119120 A 19940311

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Abstract (en)
The present invention relates to an ink jet recording apparatus which comprises: a recording head (7) being communicated with an ink tank (120) via an ink supply member and being responsive to a print signal for spouting ink drops from nozzle openings to recording paper (6), capping means (80) abutting against a front of said recording head (7) for holding the nozzle openings in an airtight state, suction means (13) for supplying negative pressure to said capping means (80) and sucking ink in said capping means (80) into a waste ink holding means (31), and suction control means (158) for causing said suction means (13) to execute suction at a low flow rate and suction at a high flow rate.

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Citation (applicant)
• JP H01125239 A 19890517 - HEWLETT PACKARD YOKOGAWA
• JP H02187364 A 19900723 - CANON KK [JP]

Citation (search report)
• [DA] EP 0452119 A2 19911016 - CANON KK [JP]
• [A] US 5153614 A 19921006 - YAMAGUCHI SHUICHI [JP], et al

Cited by
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