

Title (en)
Ink jet apparatus provided with an improved recovery mechanism

Title (de)
Farbstrahlgerät mit Rückgewinnungsvorrichtung

Title (fr)
Appareil à jet d'encre avec mécanisme de récupération

Publication
EP 0585901 B1 19991208 (EN)

Application
EP 93113981 A 19930901

Priority
• JP 23466992 A 19920902
• JP 28095892 A 19920925
• JP 28757292 A 19921026

Abstract (en)
[origin: EP0585901A2] An ink jet recording apparatus comprises a recording head having a plurality of discharging ports to discharge a recording liquid; capping means capable of being mounted on the recording head; pressure means to enable the recording liquid to flow under pressure in the ink supply passages to the recording head, and pressurize the interior of the recording head when the capping means is mounted; a first ink supply tube to conductively connect the pressure means and the recording head; a second ink supply tube to conductively connect the recording head and a recording liquid reservoiring container; a conductive tube to conductively connect the first ink supply tube and the second ink supply tube; and control means to control the flow in the conductive tube, hence making it possible to remove air bubbles in the ink supply systems and ink passages easily and effectively by providing a conductive tube for the conventional ink supply systems. <IMAGE>

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CPC (source: EP)
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Cited by
EP0764531A3; EP1043161A3; EP0805035A3; AU714357B2; EP3674090A1; CN111376603A; US5594477A; US5886714A; DE19608487B4; CN1087228C; EP0730965A3; US5898445A; US5984450A; US6120140A; EP0683050A3; US11104146B2; US6505915B2; US6663230B2; US6846062B2; US7121652B2; US7543907B2; US10124597B2; US10137691B2

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