

Title (en)

Ink cartridge for ink jet printer and method of charging ink into said cartridge

Title (de)

Tintenkassette für Tintenstrahldrucker und Verfahren zum Füllen einer solchen Kassette

Title (fr)

Cartouche d'encre pour imprimante à jet d'encre et méthode de chargement de l'encre dans la cartouche

Publication

EP 0703083 A2 19960327 (EN)

Application

EP 95114563 A 19950915

Priority

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- JP 25810295 A 19950911

Abstract (en)

It is described an ink cartridge including: an ink chamber (412) for retaining liquid ink; a foam chamber (411) maintained in fluid communication with the ink chamber through a communication hole (419). An ink supply port (413) for supplying ink from a porous body (420) accommodated in the foam chamber (411) to a recording head is provided. The portion of the foam body (420) confronting the ink supply port (413) is compressed by the ink supply port (413). The amount of ink absorbed by the porous body (420) is between 3/2 and twice the amount of ink initially charged into the ink chamber (412). When a cartridge uses more than one color of ink for printing in color, a plurality of foam and ink cartridges are used. The cartridge is filled under reduced pressure while the interior of the cartridge is further evacuated before filling with ink. <IMAGE>

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B41J 2/175

IPC 8 full level

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CPC (source: EP)

B41J 2/17506 (2013.01); **B41J 2/17513** (2013.01); **B41J 2/17559** (2013.01)

Citation (applicant)

EP 0581531 A1 19940202 - CANON KK [JP]

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