

Title (en)

Method of charging ink into an ink cartridge

Title (de)

Verfahren zum Befüllen von Tintenkassetten mit Tinte

Title (fr)

Procédé de remplissage d'une cartouche d'encre

Publication

EP 0936073 B1 20040128 (EN)

Application

EP 99110235 A 19950915

Priority

- EP 95114563 A 19950915
- JP 24851894 A 19940916
- JP 25810295 A 19950911

Abstract (en)

[origin: EP0703083A2] 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>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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