

Title (en)
Ink supply unit

Title (de)
Tintenzufuhrvorrichtung

Title (fr)
Système d'alimentation en encre

Publication
EP 0727314 A3 19980311 (EN)

Application
EP 96102362 A 19960216

Priority
JP 2901095 A 19950217

Abstract (en)
[origin: EP0727314A2] A main ink chamber 2 for housing a capillary member 3 and an intermediate ink chamber 4 are provided, between which a first meniscus formation member 8 is disposed. An ink guide member 9 is in contact with the bottom face of the first meniscus formation member 8 for supplying ink to the first meniscus formation member 8. The ink guide member 9 is held by ink guide member retainers 13 extending toward the ink guide member 9 from the wall of a communication hole 7 and is kept in contact with the first meniscus formation member 8. A larger number of the ink guide member retainers 13 are placed on the side of a joint port 11 and a smaller number thereof are placed on the side of the intermediate ink chamber 4 for guiding bubbles entering from the first meniscus formation member 8 to the side of the intermediate ink chamber 8 for preventing a move of the bubbles to the joint port 11 and the mixing of the bubbles into a print head. <IMAGE>

IPC 1-7
B41J 2/19

IPC 8 full level
B41J 2/175 (2006.01); **B41J 2/19** (2006.01)

CPC (source: EP)
B41J 2/17513 (2013.01); **B41J 2/1752** (2013.01); **B41J 2/19** (2013.01)

Citation (search report)

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- [PX] PATENT ABSTRACTS OF JAPAN vol. 095, no. 006 31 July 1995 (1995-07-31)
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- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 069 (M - 1212) 20 February 1992 (1992-02-20)

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Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0727314 A2 19960821; EP 0727314 A3 19980311; EP 0727314 B1 20010124; DE 69611628 D1 20010301; DE 69611628 T2 20010712; JP 2817653 B2 19981030; JP H08216424 A 19960827; TW 286355 B 19960921

DOCDB simple family (application)
EP 96102362 A 19960216; DE 69611628 T 19960216; JP 2901095 A 19950217; TW 85100712 A 19960122