Title (en)

Ink supply container for an ink jet printhead

Title (de)

Tintenzufuhrbehälter für einen Tintenstrahldruckkopf

Title (fr)

Réservoir d'alimentation pour une tête d'impression à jet d'encre

Publication

EP 0947329 A3 20000126 (EN)

Application

EP 99302527 A 19990331

Priority

US 5541798 A 19980406

Abstract (en)

[origin: EP0947329A2] An ink container for an ink printer is disclosed of the type wherein a foam member (48) is seated within a compartment (62) of the ink container in which ink is drawn by capillary action through an ink outlet port (18) in the container. The compartment (62) also has an air vent from which contact with ink is prevented either by mounting a pair of ribs beneath the air vent (32) to create an air space adjacent the vent (32) or by shaping a portion of a foam member which would otherwise contact the vent. <IMAGE>

IPC 1-7 (main, further and additional classification)

B41J 2/175

IPC 8 full level (invention and additional information)

B41J 2/175 (2006.01)

CPC (invention and additional information)

B41J 2/17556 (2013.01); **B41J 2/17513** (2013.01)

Citation (search report)

- [XA] EP 0589540 A1 19940330 - CANON KK [JP]
- [XP] EP 0873870 A2 19981028 - SAMSUNG ELECTRONICS CO LTD [KR]
- [XA] EP 0719646 A2 19960703 - CANON KK [JP]
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GB2409434A; GB2409434B; EP1232866A1; EP1308289A3; WO2005025875A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

EPO simple patent family

EP 0947329 A2 19991006; EP 0947329 A3 20000126; JP H11320908 A 19991124

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- Kind Code of Ref Document : A3
- Designated State(s) : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

2000-01-26 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI

1999-10-06 [AK] DESIGNATED CONTRACTING STATES:
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- Free text : AL;LT;LV;MK;RO;SI