

Title (en)
Ink jet apparatus.

Title (de)
Farbstrahlgerät.

Title (fr)
Appareil à projection d'encre.

Publication
EP 0116466 A2 19840822 (EN)

Application
EP 84300822 A 19840209

Priority
US 46547483 A 19830210

Abstract (en)
An ink jet apparatus utilises a bubble trap (20) in the supply line (22) from the reservoir (44) to the inlet (18) to the jet. The bubble trap (20) includes a screen (42) at the bottom of the bubble trap on the inlet side so as to block the flow of ink through the inlet (18) with an air bubble trapped at the screen (42). A valve (60) in the ink flow line (46) leading to the bubble trap (20) is spaced from a needle (48) which pierces the septum (50) of a cartridge (44). The valve (68) is located downstream from the needle (48) and septum (50).

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B41J 3/04

IPC 8 full level
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CPC (source: EP)
B41J 2/19 (2013.01)

Cited by
US6648459B2; EP0199582A3; CN1319747C; EP1288000A3; EP0336043A3; US4998120A; US5105209A; DE3624817A1; CN100419595C; EP1494090A3; US6986568B2; US6905199B2; US7293866B2; US7367652B2; US6916089B2; US6948804B2; US7029103B2; US7367662B2; US7828422B2; US7997702B2; US7215903B2; US7366450B2; US7011397B2; US7090341B1; US7350907B2; US7422317B2; US6871944B2; US7559634B2

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