

Title (en)

An ink jet printer and an ink supply system for the same

Title (de)

Tintenstrahldrucker und dessen Tintenversorgungssystem

Title (fr)

Imprimante à jet d'encre et son système d'alimentation en encre

Publication

EP 1167044 B1 20040204 (EN)

Application

EP 00202261 A 20000629

Priority

EP 00202261 A 20000629

Abstract (en)

[origin: EP1361066A1] A fluid supply system includes a container for degassing the fluid to be supplied, having a first compartment (I) and a second compartment (II) in fluid communication with the first one for containing a fluid with a fluid surface at a fluid height (h1) with reference to a bottom of the container. The first compartment in the container io includes a fluid inlet (114) and the second compartment includes a fluid outlet (115). The first and the second compartment are separated by a partition (112) extending above the fluid surface, and having an opening chosen so as to force the fluid to leave the first compartment and enter the second compartment at a height lower than half the height of the fluid surface. <IMAGE>

IPC 1-7

B41J 2/175; **B41J 2/18**

IPC 8 full level

B41J 2/175 (2006.01); **B41J 2/18** (2006.01); **B41J 2/19** (2006.01)

CPC (source: EP)

B41J 2/175 (2013.01); **B41J 2/17509** (2013.01); **B41J 2/17513** (2013.01); **B41J 2/17563** (2013.01); **B41J 2/18** (2013.01); **B41J 2/19** (2013.01)

Cited by

FR2876948A1; CN113619286A; US7559615B2; US10124597B2; WO2017196839A1; WO2004113084A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1361066 A1 20031112; **EP 1361066 B1 20050914**; DE 60008084 D1 20040311; DE 60008084 T2 20041230; EP 1167044 A1 20020102; EP 1167044 B1 20040204; JP 2002029064 A 20020129

DOCDB simple family (application)

EP 03100769 A 20000629; DE 60008084 T 20000629; EP 00202261 A 20000629; JP 2001196575 A 20010628