

Title (en)

Ink jet device with dispenser for ink pellets

Title (de)

Tintenstrahlvorrichtung mit Tintenpillenspender

Title (fr)

Dispositif à jet d'encre muni d'un distributeur de pastilles d'encre

Publication

EP 1101617 A3 20020327 (EN)

Application

EP 00204004 A 20001114

Priority

- EP 00204004 A 20001114
- EP 99203808 A 19991115

Abstract (en)

[origin: EP1101617A2] Ink jet device comprising an ink reservoir (10) and a dispenser (30) for ink pellets (32), wherein the dispenser comprises a sluice (46) for discharging the pellets one by one into the ink reservoir, characterized in that said dispenser (30) comprises an output chamber (56) for accommodating a single pellet discharged from the sluice (46), and a shutter (58, 60) for opening and closing the output chamber (56) towards the ink reservoir (10). <IMAGE>

IPC 1-7

B41J 2/175

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/17593 (2013.01)

Citation (search report)

- [X] EP 0338590 A2 19891025 - SEIKO EPSON CORP [JP]
- [X] EP 0178882 A1 19860423 - EXXON RESEARCH ENGINEERING CO [US]
- [A] EP 0827835 A2 19980311 - TEKTRONIX INC [US]
- [A] US 5621444 A 19970415 - BEESON ROBERT R [US]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 014, no. 331 (M - 0999) 17 July 1990 (1990-07-17)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 297 (M - 432) 25 November 1985 (1985-11-25)

Cited by

EP1366914A3; GB2483340A; GB2483340B; EP1810830A1; US7798621B2; US8348405B2; EP1424203A2; NL1022004C2; US7018033B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1101617 A2 20010523; EP 1101617 A3 20020327; EP 1101617 B1 20060412

DOCDB simple family (application)

EP 00204004 A 20001114