

Title (en)

AN INK CARTRIDGE AND A METHOD AND DEVICE FOR FILLING THE INK CARTRIDGE

Title (de)

TINTENBEHÄLTER UND VERFAHREN UND VORRICHTUNG ZUM FÜLLEN VON TINTENPATRONEN FÜR DRUCKER

Title (fr)

CARTOUCHE, ET PROCEDE ET DISPOSITIF DE REMPLISSAGE DE LADITE CARTOUCHE

Publication

EP 1270235 A4 20030924 (EN)

Application

EP 01921116 A 20010228

Priority

- CN 0100312 W 20010228
- CN 00106428 A 20000403
- CN 00109059 A 20000602
- CN 00122540 A 20000731
- CN 00131642 A 20001012
- CN 00133063 A 20001118

Abstract (en)

[origin: WO0178988A1] A valve body provided in ink chamber of the ink cartridge comprises a supporting foot, a supporting wall projected obliquely from the inside of the supporting foot, a supporting shoulder curved from the supporting wall towards the inside, and a supporting head with a central hole therethrough projected from the supporting shoulder. A valve seal means seals the central hole, and makes the ink being maintained. A seal member provided at the ink outlet port includes an integrally formed supporting portion which fits into the ink outlet port closely, a seal annular portion projected from the supporting portion, a block cooperating with the annular portion, and a connecting portion surrounding between the block and the annular portion. The valve body has an annular and staged configuration, which makes it sensitive to pressure, and at the same time, the seal member of the present invention acts well during use and non-use.

IPC 1-7

B41J 2/175

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP KR)

B41J 2/175 (2013.01 - KR); **B41J 2/17506** (2013.01 - EP); **B41J 2/17513** (2013.01 - EP); **B41J 2/17523** (2013.01 - EP);
B41J 2/17536 (2013.01 - EP); **B41J 2/17553** (2013.01 - EP)

Citation (search report)

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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 1270235 A1 20030102; EP 1270235 A4 20030924; AU 2001248230 B2 20050526; AU 4823001 A 20011030; BR 0109654 A 20040113; BR 0109654 B1 20110125; CA 2402794 A1 20011025; HU P0300420 A2 20030628; JP 2003531743 A 20031028; KR 100880048 B1 20090122; KR 20020097207 A 20021231; MX PA02009735 A 20030327; MY 136058 A 20080829; PL 197394 B1 20080331; PL 365774 A1 20050110; WO 0178988 A1 20011025; WO 0178988 A8 20020228

DOCDB simple family (application)

EP 01921116 A 20010228; AU 2001248230 A 20010228; AU 4823001 A 20010228; BR 0109654 A 20010228; CA 2402794 A 20010228; CN 0100312 W 20010228; HU P0300420 A 20010228; JP 2001576272 A 20010228; KR 20027012784 A 20020927; MX PA02009735 A 20010228; MY PI20011573 A 20010403; PL 36577401 A 20010228