

Title (en)

Replaceable ink container for an inkjet printing system

Title (de)

Auswechselbarer Tintenbehälter für ein Tintenstrahldrucksystem

Title (fr)

Conteneur d'encre remplaçable pour un système d'impression à jet d'encre

Publication

EP 1431042 B1 20071128 (EN)

Application

EP 03078793 A 20010131

Priority

- EP 01300875 A 20010131
- US 49506000 A 20000131
- US 54727100 A 20000411

Abstract (en)

[origin: EP1122078A2] The present invention disclosure relates to a replaceable ink container (12) for providing ink to an inkjet printing system. The inkjet printing system has a receiving station (14) that is mounted to a scanning carriage (20). The receiving station (14) has a keyed portion (32) indicative of a replaceable ink container parameter of a plurality of replaceable ink container parameters. The replaceable ink container (12) includes a reservoir portion (34) having a leading end (72) and a trailing end (82) relative to an insertion direction into the receiving station (14). Also included is a keying portion (84) disposed on the trailing end (82) and configured to be complementary to the keyed portion (32) thereby allowing the replaceable ink container (12) to be fully inserted into the receiving station (14). <IMAGE>

IPC 8 full level

B41J 2/17 (2006.01); **B41J 2/175** (2006.01)

CPC (source: EP KR)

B41J 2/17 (2013.01 - KR); **B41J 2/1752** (2013.01 - EP); **B41J 2/17523** (2013.01 - EP); **B41J 2/17526** (2013.01 - EP); **B41J 2/1755** (2013.01 - EP); **B41J 2/17553** (2013.01 - EP); **B41J 2/17593** (2013.01 - EP)

Cited by

EP2045081A1; WO2013115753A3; US9211720B2; US8016403B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 1122078 A2 20010808; **EP 1122078 A3 20011031**; **EP 1122078 B1 20050413**; CN 1196590 C 20050413; CN 1310095 A 20010829; DE 60109967 D1 20050519; DE 60109967 T2 20060309; DE 60131687 D1 20080110; DE 60131687 T2 20081204; EP 1431042 A1 20040623; EP 1431042 B1 20071128; HK 1068011 A1 20050422; JP 2001253087 A 20010918; KR 100676031 B1 20070129; KR 20010087169 A 20010915

DOCDB simple family (application)

EP 01300875 A 20010131; CN 01111964 A 20010131; DE 60109967 T 20010131; DE 60131687 T 20010131; EP 03078793 A 20010131; HK 04109590 A 20041203; JP 2001022654 A 20010131; KR 20010004478 A 20010131