

Title (en)

Replaceable ink container for an inkjet printing system

Title (de)

Auswechselbarer Tintenbehälter in einem Tintenstrahldrucksystem

Title (fr)

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

Publication

EP 1122077 B1 20061129 (EN)

Application

EP 01300874 A 20010131

Priority

US 49616900 A 20000131

Abstract (en)

[origin: EP1122077A2] 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) mounted to a scanning carriage. The receiving station has a fluid inlet and a pair of guide rails (46) extending along either side of the fluid inlet. The replaceable ink container (12) includes a fluid outlet configured for connection to the fluid inlet associated with the receiving station. Also included is a pair of outwardly extending guide rail (46) engagement features. Each of the pair of guide rail engagement features (40) are so disposed and arranged on the replaceable ink container for engagement with each of the pair of guide rails to guide the replaceable ink container in both horizontal and vertical directions into the receiving station. The pair of outwardly extending guide rail engagement features and the pair of guide rails cooperate to align the fluid outlet with the fluid inlet to establish fluid communication between the ink container and the receiving station. <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)

Cited by

DE10362128B4; US7789500B2; US9132649B2; WO2008088499A3; US7802877B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 1122077 A2 20010808; **EP 1122077 A3 20020814**; **EP 1122077 B1 20061129**; DE 60124800 D1 20070111; DE 60124800 T2 20070531; JP 2001253086 A 20010918; JP 4813671 B2 20111109; KR 100676032 B1 20070129; KR 20010082030 A 20010829; TW 505573 B 20021011

DOCDB simple family (application)

EP 01300874 A 20010131; DE 60124800 T 20010131; JP 2001022653 A 20010131; KR 20010004477 A 20010131; TW 90101775 A 20010130