

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

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Application

EP 01300875 A 20010131

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- 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>

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IPC 8 full level

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Cited by

EP2628598A1; EP2633997A1; EP3034303A1; EP3225404A1; EP2107971A4; EP2431185A1; DE102008030530A1; DE102008030530B4; CN113348087A; EP3914454A4; US2022105731A1; US8727516B2; WO2020152675A1; WO2012054112A1; WO2008088500A1; US8651642B2; US8979251B2; EP2447207A1; WO2012056017A1; US9540223B2; USD941391S; USD941390S; USD949965S; US7810917B2; US8052263B2; USD934341S; EP2740604A3; EP2826630A3; EP3530470A1; EP3530469A1; US7278721B2; US7717541B2; US8376535B2; US8764171B2; US9090077B2; US8651643B2; US9028054B2; US9616670B2; US9738080B1; US9770914B2; US10112400B2; US10391775B2; US7258431B2; US8474960B1; US8882252B2; EP2826630A2; EP2740604B1; WO2012054050A1

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