

Title (en)

Ink fountain in an inking mechanism of a printing machine.

Title (de)

Farbkasten an Farbwerken von Druckmaschinen.

Title (fr)

Auge d'encre pour mécanismes d'encrage d'une presse à imprimer.

Publication

EP 0042934 A1 19820106 (DE)

Application

EP 81103308 A 19810502

Priority

DE 3024453 A 19800628

Abstract (en)

[origin: US4350095A] An ink fountain formed of a trough and fountain roller, the trough having a recess along its presented edge which defines a ledge surface. A metering bar of durable resilient plastic, and which is of "L" cross section, has a first leg which occupies the recess and a second leg which overlaps, and is sealed to, the bottom of the trough, with the corner of the metering bar defining a gap. Adjusting keys are spaced along the metering bar, each key having a rotatable stem carrying an eccentric at its tip. The first leg of the metering bar has a groove of constant width extending along its inner surface, parallel to the fountain roller, in which all of the eccentrics are snugly received for localized adjustment of the gap, positively in both directions. A resilient sealing strip interposed between the ledge surface and the metering bar seals the second leg of the metering bar with respect to the frame.

Abstract (de)

Es handelt sich um einen Farbkasten an Farbwerken von Druckmaschinen mit einer Duktorwalze (2) und einer zur Duktorwalze (2) über ein Stellmittel einstellbaren Dosierleiste (4). Dabei weist der Farbkasten (1) im Bereich der Duktorwalze (2) eine Ausnehmung (3) auf, in der eine aus hochverschlußfestem Kunststoff bestehende Dosierleiste (4) befestigt ist. Die Dosierleiste (4) ist gegenüber dem Dukt (2) und dem Farbkasten (1) abdichtend befestigt und mittels eines Betätigungselements (8) formschlüssig verstellbar.

IPC 1-7

B41F 31/02

IPC 8 full level

B41F 31/02 (2006.01); **B41F 31/04** (2006.01)

CPC (source: EP US)

B41F 31/04 (2013.01 - EP US)

Cited by

FR2778364A1; US6584901B1; WO0216138A1; WO9958339A1

Designated contracting state (EPC)

AT CH DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0042934 A1 19820106; **EP 0042934 B1 19840229**; AT E6412 T1 19840315; BR 8103631 A 19820302; DE 3024453 C1 19811224; DE 3162411 D1 19840405; JP S5787367 A 19820531; JP S59392 B2 19840106; US 4350095 A 19820921

DOCDB simple family (application)

EP 81103308 A 19810502; AT 81103308 T 19810502; BR 8103631 A 19810609; DE 3024453 A 19800628; DE 3162411 T 19810502; JP 9982381 A 19810629; US 27795481 A 19810626