

Title (en)

Ink metering device with pivoting ink fountain.

Title (de)

Farbdosiereinrichtung mit abschwenkbarem Farbkasten.

Title (fr)

Dispositif de dosage de l'encre avec encrier pivotable.

Publication

**EP 0453792 B1 19940706 (DE)**

Application

**EP 91104729 A 19910326**

Priority

DE 4012949 A 19900424

Abstract (en)

[origin: US5113762A] A mounting device is provided for an ink duct of a printing press wherein the ink duct is supported primarily on the press frame so as to be pivotally movable with respect to a ductor roller. The ink duct carries a first guide roller which engages the ductor roller in substantially the same plane as the ink metering elements disposed in the ink duct and the ink duct carries a second guide roller which engages the ductor roller substantially vertically above its center line. A link pivoted to the ink duct carries a third guide roller which is normally biased into engagement with the ductor roller at a position disposed from the first guide roller by at least 180 DEG measured peripherally around the ductor roller through the second guide roller. An unlocking mechanism swings the third guide roller out of engagement with the ductor roller so as to permit pivotal movement of the ink duct and guide rollers away from the ductor roller.

IPC 1-7

**B41F 31/04**

IPC 8 full level

**B41F 31/04** (2006.01)

CPC (source: EP US)

**B41F 31/04** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**US 5113762 A 19920519**; AT E108132 T1 19940715; DE 4012949 C1 19910314; DE 59102095 D1 19940811; EP 0453792 A1 19911030; EP 0453792 B1 19940706; ES 2057641 T3 19941016; JP H04224956 A 19920814; JP H07102688 B2 19951108

DOCDB simple family (application)

**US 69085491 A 19910424**; AT 91104729 T 19910326; DE 4012949 A 19900424; DE 59102095 T 19910326; EP 91104729 A 19910326; ES 91104729 T 19910326; JP 9039391 A 19910422