

Title (en)

Ink metering device for a printing machine.

Title (de)

Farbdosiervorrichtung für eine Druckmaschine.

Title (fr)

Dispositif de dosage de l'encre dans une machine d'impression.

Publication

**EP 0022924 A1 19810128 (DE)**

Application

**EP 80103203 A 19800610**

Priority

DE 2929933 A 19790724

Abstract (en)

1. Ink metering device for a printing machine, consisting of elements metering the ink film thickness and adjustable by means of ink film thickness-adjusting elements against the spring pre-stressing of a spring-pin system, which elements can be adjusted individually over the length of the ink fountain roller by swivelling round a common shaft, characterised in that the elements consist of discs (4) that can be thread strung onto the shaft (5) by means of bores with respectively several edges that are adjustable against the ink fountain roller (1) and which operate as an ink knife, whereby the pin (7) of the spring-pin system (6, 7, 8) associated with each disc is secured in axially adjustable fashion into a recess in the circumference of each disc (4) provided between two respective adjacent edges, and can be applied against a fixed stop (2) with its free end to restrict the adjustment movement of the disc (4) in question, and in that the spring (6) of the spring-pin system (6, 7, 8) extends in the respective recess (9, 11, 13, 15) between the disc (4) and an additional guide portion (8), which abuts continually on the fixed stop (2) through the spring.

Abstract (de)

Die Farbdosiervorrichtung für eine Druckmaschine umfaßt farbdosierende Elemente in Form von Scheiben (4), die individuell an eine Farbduktorwalze (1) anstellbar sind. Die Scheiben (4) sind auf einer parallel zu der Farbduktorwalze (1) verlaufenden Achse (5) angeordnet und die der Farbduktorwalze (1) gegenüberliegende Kante einer oder mehrerer Scheiben (4) ist mittels einer Stellschraube (3) auf den gewünschten Abstand einstellbar.

IPC 1-7

**B41F 31/10**; **B41F 31/02**

IPC 8 full level

**B41F 31/02** (2006.01); **B41F 31/10** (2006.01); **B41F 31/20** (2006.01)

CPC (source: EP)

**B41F 31/20** (2013.01)

Citation (search report)

- GB 1156880 A 19690702 - BILLINGSFORS LANGED AB [SE]
- CH 442365 A 19670831 - MASCHF AUGSBURG NUERNBERG AG [DE]
- US 1568299 A 19260105 - STEVENS BURT D
- DE 639293 C 19361202 - RICHARD LEHMANN
- US 2161943 A 19390613 - BAUE CARL D
- CH 477981 A 19690915 - ALBERT SCHNELLPRESSEN [DE]

Cited by

EP0600435A1; CN113942298A

Designated contracting state (EPC)

CH DE FR GB SE

DOCDB simple family (publication)

**EP 0022924 A1 19810128**; **EP 0022924 B1 19830720**; DE 2929933 A1 19810219; DE 3064238 D1 19830825

DOCDB simple family (application)

**EP 80103203 A 19800610**; DE 2929933 A 19790724; DE 3064238 T 19800610