

Title (en)
INKING DEVICE FOR A PRINTING PRESS

Publication
EP 0019073 B1 19831109 (DE)

Application
EP 80101792 A 19800403

Priority
DE 2920152 A 19790518

Abstract (en)
[origin: US4290363A] Ink is supplied to a plate cylinder (9) from an ink transfer cylinder. Two ink metering rollers (10, 13) are associated with the transfer cylinder, and in surface engagement therewith. The nip or engagement gap of the rollers (10, 13) with respect to the transfer cylinder (7) is adjustable. One of the two rollers (10) is supported with an additional positioning arrangement (8, 19, 20) to adjust the gap or nip of that one roller with respect to the other measuring or metering roller (13). The respective measuring or metering rollers are independently driven, such that the surface speed of the first metering roller, which has ink applied thereto, is counter the direction of rotation of the transfer cylinder (7), and the other metering roller is driven at a surface speed which is higher than that of the transfer cylinder but in the same direction of rotation. Ink is applied to the first metering roller (10) by an ink application roller (3) which has ink applied thereto, for example from an ink trough. Preferably, at least one of the rollers or cylinders is cooled and axially oscillating. The resulting film of ink on the transfer cylinder, for application to the plate cylinder (9), will be thin and uniform.

IPC 1-7
B41F 31/06; **B41F 31/12**

IPC 8 full level
B41F 31/30 (2006.01); **B41F 31/00** (2006.01); **B41F 31/06** (2006.01); **B41F 31/12** (2006.01)

CPC (source: EP US)
B41F 31/004 (2013.01 - EP US); **B41F 31/06** (2013.01 - EP US); **Y10S 101/38** (2013.01 - EP)

Cited by
FR2590205A1; US4686901A; EP0475120A1; FR2586614A1

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