Title (en)

Ink key control system.

Title (de)

Steuerungssystem von Farbzufuhreinstellelementen.

Title (fr)

Système de commande des vis de réglage du débit d'encre.

Publication

EP 0167882 A2 19860115 (EN)

Application

EP 85107472 A 19850615

Priority

US 62961684 A 19840711

Abstract (en)

A printing press including a console of individual adjustable ink fountain keys regulating the thickness profile of the ink film supplied to the inker roll by the fountain. The fountain keys are spaced along the length of the ink fountain and associated inker roll and each includes a friction wheel by means of which it is adjusted. A key actuator is mounted upon a carriage so as to traverse the console of keys. The key actuator includes a drive wheel which engages the friction wheels of the ink keys in sequence as the carriage traverses the console in either direction. The carriage responds to commands as from an operator, an ink preset sensor or an on-press color sensor to move the key actuator along the console to any of the keys requiring adjustment. As the drive wheel engages the friction wheel of each ink key in moving across the console, the key actuator responds to the command signal and rotates the drive wheel at a rate synchronized with the rate of travel of the carriage whereby those keys not requiring adjustment are not rotated. For those keys requiring adjustment, the drive wheel is caused to rotate while in contact with the friction wheel in such manner that the resulting key position is either more positive or mor negative as instructed for that particular key.

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IPC 8 full level

B41J 27/00 (2006.01); **B41F 31/04** (2006.01)

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