

Title (en)

METHOD OF ADJUSTING THE INKING UNIT OF A PRINTING MACHINE AND MEASURING DEVICE FOR CARRYING OUT THE METHOD

Publication

EP 0135700 A3 19870325 (DE)

Application

EP 84108725 A 19840724

Priority

DE 3331208 A 19830830

Abstract (en)

[origin: US4570539A] The ink dosing elements in the ink fountain of a printing machine are adjusted to reference positions in response to measurement of the amount of ink applied to the fountain roller at the respective inking zones. The reference positions are stored in a data memory for future use or are adjusted in accordance with predetermined values to arrive at the settings of the ink dosing elements for obtaining a desired ink profile. Preferably an optical densitometer mounted on a rail parallel to the fountain roller measures the amount of ink, and the densitometer is initially calibrated at an ink-free zone on the fountain roller. According to a manual embodiment, a first one of the ink dosing elements is brought to a reference position by an operator while viewing the respective inking zone, for example, to obtain a permissible minimum of ink. The densitometer is moved to measure the ink at the first inking zone, and is successively moved to measure the ink at the other inking zones while the respective ink dosing elements are adjusted to obtain substantially the same measured values for all of the inking zones. Alternatively, the method is performed by a remote control computer.

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CPC (source: EP US)

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Citation (search report)

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