Title (en)

Method for determining the consumption of ink in an offset-printing machine.

Title (de)

Verfahren zur Bestimmung des Verbrauchs von Druckfarbe in einer Offsetdruckmaschine.

Title (fr)

Méthode de détermination de la consommation d'encre dans une machine d'impression offset.

Publication

EP 0364736 B1 19941207 (DE)

Application

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Priority

DE 3835221 A 19881015

Abstract (en)

[origin: EP0364736A2] A method is proposed by means of which the consumption of ink in an offset-printing machine can be determined. The consumption is determined from the settings of the ink gap openings. These ink gap openings form the ink film thickness (sF) which is transferred to the ink ductor roller. Furthermore, the width (bF) of the ink stripe, which is determined by the speed of rotation of the ink ductor roller, and the length (lF) of the ink stripe corresponding to the length of the ink ductor roller are decisive for the consumption of ink. The data are fed to the computer of the control panel of a printing machine. Additionally in the calculation both printing machine related and ink related values, such as, for example, ink temperature, type of paper etc., are to be taken into consideration. The accuracy of the determination of the consumption of ink can be optimised from proportions of surface covering of the plate and ink film thicknesses on the printed sheet, which are determined via the printing plate reader and ink film measuring apparatus. <IMAGE>

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