

Title (en)

Method for regulating the ink supply in a printing machine with limitation of the ink film thickness and of the tonal value increase.

Title (de)

Verfahren zur Steuerung der Farbführung einer Druckmaschine mit Begrenzung der Schichtdicke und der Tonwertzunahme.

Title (fr)

Procédé pour contrôler l'encre dans une machine d'impression avec limitation de l'épaisseur de la couche d'encre et de l'augmentation de la valeur tonale.

Publication

EP 0394681 B1 19950201 (DE)

Application

EP 90105665 A 19900326

Priority

DE 3913382 A 19890424

Abstract (en)

[origin: EP0394681A2] In the regulation of the ink supply according to colorimetric or densitometric parameters, process-related influences for optimum adaptation to the printing process and to the colour sensitivity of the human eye should not be left unconsidered during printing. <??>For single-colour and multi-colour regulation, methods are therefore proposed which actuate an intended location (Soll) considering the independent boundary conditions - maximum permissible tonal value increase(s) and maximum permissible ink film thickness(s), which intended location is situated both within the tolerable tonal value increase(s) (ZSoll +/- ZTol or ZSoll +/- ZToli) and within the colour tolerance (ETol) or density tolerance (DVTol) or within the tolerance area (TolR). If the intended location (Soll1) does not fulfil these two independent boundary conditions simultaneously, the tolerance range of the tonal value increase(s) is widened and an intended location (Soll2 or Opt) is checked to establish whether it now obeys both boundary conditions simultaneously.

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CPC (source: EP US)

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Citation (examination)

EP 0324718 A1 19890719 - GRETAG AG [CH], et al

Cited by

EP1080892A3; EP1156667A3; EP0518559A1; US5636330A; EP0600335A1; US5460090A; US7031022B1; EP2439071A1; WO2012049610A1

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