Title (en)
METHOD AND DEVICE FOR INK MONITORING IN A PRINTING MACHINE

Publication
EP 0324718 B1 19920708 (DE)

Application
EP 89810006 A 19890105

Priority
- CH 12088 A 19880114
- CH 126888 A 19880406

Abstract (en)
[origin: EP0324718A1] During sheet printing, a three-colour offset printing machine produces colour measurement bars with a plurality colour measurement fields. A grey screen field (52) produced by the superimposition of three colours serves as the reference field, the colour location of which is compared in a colour separation computer (68) with the colour location of an associated nominal reference field (51). From the colour separation, a layer thickness modification computer (71) calculates a layer thickness modification control vector with the aid of a sensitivity matrix (74) calculated by a matrix computer (73) on the basis of a linear model. In addition, the matrix computer (73) evaluates a series of adjacent fields which comprise three single- colour screen fields, three single-colour full tone fields, three two- colour full tone fields and one three-colour full tone field. <IMAGE>

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IPC 8 full level
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CPC (source: EP US)
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Cited by
WO2009144120A1; EP0598490A1; US5724437A; DE3812099A1; US5202959A; EP0649743A1; DE102004044763B4; EP1273445A3; FR2784052A1; DE4311132A1; DE19722073A1; DE19722073C2; EP2618119A3; EP0741031A3; US5696890A; DE4104537A1; DE4104537C2; DE3913382A1; EP3017947A1; DE10335145A1; EP0600335A1; DE4240077A1; US5460090A; EP1273445A2; WO9500335A1; WO2007048533A3; WO9112500A1; US6450097B1; EP0394681B1; EP3017947B1

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