

Title (en)

Process for regulating the inking in a printing machine

Title (de)

Verfahren zur Regelung der Farbgebung beim Drucken mit einer Druckmaschine

Title (fr)

Procédé pour réguler l'encre dans une machine d'impression

Publication

EP 0884178 B1 20011004 (DE)

Application

EP 98106541 A 19940627

Priority

- DE 4321179 A 19930625
- EP 94921626 A 19940627

Abstract (en)

[origin: WO9500336A2] A process and arrangement are disclosed for controlling or regulating operations carried out by a printing machine. The object of the invention is to develop a process and arrangement which help and supplement the operator during a quality control, which allow a representative colour measurement site to be manually or automatically selected, which ensure a rapid regulation, reduce the amount of spoilage, the complexity and the costs of the control or regulation of operations carried out by a printing machine. For that purpose, co-ordinates for the measurement site examined by a picture recorder (15, 16) are determined from picture information which reproduce at least the surface of a printed object (2). The picture recorder (15, 16) detects a measurement field of defined size of the surface of a printed object (2) at each measurement site. The invention is particularly suitable for printing machines having devices for handling, printing and processing sheets of paper or other surfaces to be printed. In addition, the invention may be used to control or regulate devices mounted upstream or downstream of a printing machine, such as devices for separating, folding, cutting, collecting, stacking, annexing, including, sorting and filing sheets or webs.

IPC 1-7

B41F 33/00

IPC 8 full level

B41F 33/00 (2006.01); **B41M 1/14** (2006.01)

CPC (source: EP US)

B41F 33/0036 (2013.01 - EP US); **B41F 33/0045** (2013.01 - EP US); **B41M 1/14** (2013.01 - EP US); **B41P 2233/51** (2013.01 - EP US)

Citation (examination)

EP 0228347 A1 19870708 - HEIDELBERGER DRUCKMASCH AG [DE], et al

Cited by

DE102009023963A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

DE 4321179 A1 19950105; DE 59409900 D1 20011108; DE 59409943 D1 20011213; DE 59409944 D1 20011213; DE 59409945 D1 20011213; DE 59410074 D1 20020411; DE 59410234 D1 20030227; EP 0705171 A1 19960410; EP 0705171 B1 20020306; EP 0884178 A1 19981216; EP 0884178 B1 20011004; EP 0884179 A1 19981216; EP 0884179 B1 20011107; EP 0884180 A1 19981216; EP 0884180 B1 20030122; EP 0884181 A1 19981216; EP 0884181 B1 20011107; EP 0884182 A1 19981216; EP 0884182 B1 20011107; US 6050192 A 20000418; US 6119594 A 20000919; WO 9500336 A2 19950105

DOCDB simple family (application)

DE 4321179 A 19930625; DE 59409900 T 19940627; DE 59409943 T 19940627; DE 59409944 T 19940627; DE 59409945 T 19940627; DE 59410074 T 19940627; DE 59410234 T 19940627; EP 9402078 W 19940627; EP 94921626 A 19940627; EP 98106541 A 19940627; EP 98106542 A 19940627; EP 98106543 A 19940627; EP 98106544 A 19940627; EP 98106545 A 19940627; US 57185896 A 19960429; US 7906998 A 19980514