Title (en)

PROCESS FOR DIAGNOSING THE OPERATION OF A PRESS ACCORDING TO THE REMISSION OF FULL- AND HALF-TONE FIELDS

Publication

EP 0444427 A3 19911127 (DE)

Application

EP 91101247 A 19910131

Priority

DE 4005558 A 19900222

Abstract (en)

[origin: JPH04226365A] PURPOSE: To perform diagnosis for rotary printing press by interrupting a regulation circuit for correcting ink and/or damping agent advantageously throughout duration of a failure when such a failure as can not be removed by correcting ink and/or damping agent is detected. CONSTITUTION: In order to perform diagnosis of a rotary press 30 through variation of process parameters, remission is detected for a full-tone field 21 and a half-tone field 20. Remission is detected during print operation using a detector 23 integrated with the rotary press 30. Remissions of at least two selected regions comprising a full-tone field 21 and a half-tone field 20 or at least two screens of different mesh point area rate are compared each time when the remissions are detected with regard to at least two print samples and then diagnosis and/or adjustment is recommended based on the comparison results.

IPC 1-7

B41F 33/00

IPC 8 full level

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CPC (source: EP US)

B41F 33/0036 (2013.01 - EP US)

Citation (search report)

- [X] DE 3140760 A1 19820812 - POLYGRAPH LEIPZIG [DD]
- [A] FR 2386083 A1 19781027 - JOLIET JACQUES [FR]
- [A] EP 0012723 A1 19800625 - GRETAG AG [CH]
- [A] GB 2066949 A 19810715 - DAINIPPON PRINTING CO LTD
- [A] US 4881182 A 19891114 - HANK DIETRICH [DE], et al
- [A] EP 0311991 A2 19890419 - FUTEC INC [JP]

Cited by

EP2367349A3; EP0585740A1; EP0884178A1; US6050192A; US6119594A; WO2010020564A3; EP1477314B1; EP0884180B1; US8176847B2; EP1138488B2

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