

Title (en)
PRINT QUALITY CONTROL SYSTEM FOR OFFSET PRINTING MACHINE

Title (de)
DRUCKQUALITÄTSKONTROLLSYSTEM FÜR OFFSETDRUCKMASCHINE

Title (fr)
SYSTÈME DE CONTRÔLE DE QUALITÉ D'IMPRESSION POUR MACHINE D'IMPRESSION OFFSET

Publication
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Application
EP 23164970 A 20230329

Priority
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Abstract (en)
Provided is a print quality control device of an offset printing machine in which an operator is notified of a control for suppressing an occurrence of a defective printed matter at an early stage or the control can be automatically executed, when there exists a sign that the defective printed matter will be caused due to deterioration in the print quality. A print quality control system for an offset printing machine is configured to print a pattern and a shape confirmation halftone dot pattern on a paper and comprises an imaging device for capturing the shape confirmation halftone dot pattern printed on the paper and a determining device which are provided on a paper conveying path, the determining device is configured to confirm a change in a halftone dot shape based on an image of the shape confirmation halftone dot pattern and notify the operator of or execute automatically the control for suppressing the occurrence of the defective printed matter, when the print quality of printed matter would be deteriorated and the defective printed matter would be caused if printing continues as it is.

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Citation (applicant)
JP 2000158631 A 20000613 - UENO CHEM IND

Citation (search report)
• [I] US 9967428 B2 20180508 - KATSUYAMA KIMITO [JP]
• [A] JP 2017022695 A 20170126 - RICOH CO LTD
• [X] US 5742325 A 19980421 - CURRY DOUGLAS N [US], et al

Designated contracting state (EPC)
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