Title (en)

METHOD FOR SETTING A MEASURE FIELD FOR MEASURING THE THICKNESS OF THE DAMPENING FILM IN AN OFFSET PRINTING PLATE

Publication

EP 0388697 A3 19910410 (DE)

Application

EP 90104179 A 19900303

Priority

DE 3909401 A 19890322

Abstract (en)

[origin: JPH03101939A] PURPOSE: To enable optimum determination of a measuring place for measuring the thickness of a dampening water layer, without monitoring continuously the surface of an offset printing plate, by conducting evaluation of measured data in such a manner that the measuring place is located in a longitudinal zone wherein the average ink area percentage is as small as possible. CONSTITUTION: First the surface 3 of an offset printing plate 2 is scanned by a measuring head 4 in the longitudinal direction 12, that is, along a longitudinal zone 8. Measured values obtained in the scanning of the individual longitudinal zone 8 having an area wherein ink does not stick are sent to an evaluation unit 6 and the evaluation unit 6 determines an average ink area percentage (percentage of sticking of ink in a face portion in some determined grid) from the measured data. Then, only the longitudinal zone 8 wherein the average ink area percentage is the smallest is selected. The figure shows that a measuring place 17 is located in the third longitudinal zone 8 from the left. Based on an output 7 of the evaluation unit 6, the thickness of a dampening water layer on the surface 3 is controlled in regard to a prescribed set value by the operation of a control device.

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CPC (source: EP US)

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Citation (search report)

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