

Title (en)

DEVICE FOR METERING DAMPENING FLUID DEPENDENT UPON THE INK PROFILE

Publication

EP 0095652 B1 19860903 (DE)

Application

EP 83104846 A 19830517

Priority

DE 3220701 A 19820602

Abstract (en)

[origin: ES8403066A1] Device for ink profile-dependent regulation of dampening solution in an offset printing unit having an inking-dampening unit which, over the width of a type form, supplies a dampening solution film of substantially uniform thickness to the plate cylinder and to the inking part of the inking-dampening unit, including a hydrophilic measuring roller in contact with one of a plurality of inking unit rollers a measuring device disposed in vicinity of the measuring roller for determining extent of wetting of an outer cylindrical surface of the measuring roller section-by-section over the entire width of the measuring roller and for transmitting corresponding signals means for varying the proportion of the dampening solution in the ink film section-by-section and a control stage for converting the signals from the measuring device into adjustment commands and applying them to the proportion varying means for varying section-by-section the proportion of dampening solution in the ink film.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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EP 0095652 A2 19831207; **EP 0095652 A3 19840725**; **EP 0095652 B1 19860903**; AT 389675 B 19900110; AT A151683 A 19890615; CA 1209856 A 19860819; ES 522818 A0 19840316; ES 8403066 A1 19840316; JP H0358909 B2 19910906; JP S58219053 A 19831220; US 4485737 A 19841204

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