

Title (en)
A PROCEDURE FOR TRANSFORMING THE PRINCIPLE AND MODE OF OPERATION OF THE CONVENTIONAL DAMPENING UNITS OF OFFSET PRINTING PRESSES.

Title (de)
VERFAHREN UM DIE GRUNDSÄTZE UND DIE BETRIEBSART DER ÜBLICHEN FEUCHTWERKEN IN OFFSETDRUCKMASCHINEN UMZUWANDELN.

Title (fr)
PROCEDE POUR TRANSFORMER LE PRINCIPE ET LE MODE DE FONCTIONNEMENT DES UNITES DE MOUILLAGE TRADITIONNELLES DES PRESSES D'IMPRIMERIE OFFSET.

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Abstract (en)
[origin: WO9419189A1] The invention described herein transforms the conventional alternating feed dampening units of offset printing presses into micro-controlled continuous film dampening units incorporating the principal components and mechanisms of the original dampening units in order to preserve, among other things, perfect geometry with respect to the other parts of the press. The water take-up roller (4A), the dampening distributor roller (8A) and the dampening form roller (9A) retain their positions with modified original mechanisms and functions. The removable module (55) is located by using the locating devices of the original water duct roller. Its regulator roller (66) links the water take-up roller (4A) with the transfer roller (63) pressing against the dampening distributor roller (8A). Its liaison roller (82) establishes continuity on demand, between the dampening unit and the inking unit.

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