

Title (en)

DRIVE FOR THE DUCTOR ROLLER IN AN INKING- OR DAMPING DEVICE OF AN OFFSET PRINTING PRESS

Publication

EP 0407923 B1 19930818 (DE)

Application

EP 90113002 A 19900707

Priority

DE 3923315 A 19890714

Abstract (en)

[origin: JPH03114837A] PURPOSE: To obtain a smooth plate, especially a plate without lines of a gear profile by moving a loose gear by means of a gear transmitting rotational movement to a distributing roller. CONSTITUTION: A water distributing roller 3 is rotationally driven by a plate cylinder 1 through gears 6 and 7 and the second gear 9 for transmitting a reciprocating movement in the transverse direction to the water distributing roller 3 is rotationally moved by means of the first gear 8 fixed on a supporting leg 15 of the water distributing roller 3. When force is transmitted like this in the driving mechanism of the water distribution roller 3, even if a play is generated between gears by various different arrangements of the plate cylinder 1, a water damping roller 2 and the water distributing roller 3 and even if a slip is generated on the peripheral faces of the rollers caused by various different peripheral speeds and even if the damping roller 2 is penetrated into the cylinder channel of the plate cylinder 1, alternation of gear faces is avoided. Therefore, there exists no possibility of generating a phenomenon wherein vibration generated by a driving apparatus gives lines of a gear profile which lowers quality of printing.

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