

Title (en)

CYLINDER OF A PRINTING MACHINE WITH AT LEAST ONE CHANNEL RUNNING IN THE AXIAL DIRECTION UNDER THE LATERAL SURFACE OF SAID CYLINDER

Title (de)

ZYLINDER EINER DRUCKMASCHINE MIT MINDESTENS EINEM UNTER DESSEN MANTELFLÄCHE IN DESSEN AXIALRICHTUNG VERLAUFENDEN KANAL

Title (fr)

CYLINDRE D'UNE MACHINE D'IMPRESSION DOTÉ D'AU MOINS UN CANAL S'ÉTENDANT SOUS SA SURFACE EXTÉRIEURE DANS SA DIRECTION AXIALE

Publication

EP 2214905 B1 20110629 (DE)

Application

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Priority

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Abstract (en)

[origin: US2010263562A1] A cylinder of a printing machine is provided with at least one axially extending channel located beneath the circumferential surface of the cylinder. At least one plate end holding device is arranged in the channel and usable to exert a clamping force on an end of at least one printing forme or plate positioned on the assembly's circumferential surface. At least one control assembly is utilized to counteract the clamping force exerted on the plate end by the at least one holding device. A force that is exerted by the control assembly can be set to a value which is different either a maximum force or a minimum force which the control assembly can exert. Preferably, the circumferential surface of the cylinder can be divided, in its axial direction, into several adjacent sections. Several of the plate end holding devices are then arranged in the cylinder channel or groove and are positioned adjacent each other. The forces exerted by the control assembly against each one of the plate end holding devices can differ from each other.

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