

Title (en)

Device for tensioning printing plates on a cylinder of a gravure printing machine.

Title (de)

Vorrichtung zum Spannen von Druckplatten auf einem Zylinder einer Tiefdruckmaschine.

Title (fr)

Dispositif de mise en tension des plaques d'impression montées sur un cylindre d'une machine d'impression taille-douce.

Publication

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Application

EP 90810417 A 19900608

Priority

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Abstract (en)

[origin: CA2018572A1] DE LA RUE GIORI S.A. LAUSANNE/SWITZERLAND Device for tensioning printing plates mounted on a cylinder of an intaglio printing machine In order to apply opposite axial forces to the lateral edges of each intaglio printing plate mounted on a plate cylinder or on a sleeve, the cylinder (1) is provided at its two lateral sides and for each lateral edge of each printing plate with an annular sector (5, 6, 7). These sectors have the same external diameter as the cylinder and are provided with screws (23) for attaching the lateral edges of each printing plate (2 7 3, 4) thereto, with screws (16) in order to be mounted on the lateral sides of the cylinder (1) so as to be displaceable axially and with other screws (25) which are screwed into the sectors (5, 6, 7) and which abut the cylinder (1). Using these screws (25) and by way of the pressure which they exert against the cylinder, each printing plate may be positioned and tensioned axially. Furthermore, helical springs (19) are provided which apply compressive forces tending to move apart said annular sectors (5, 6, 7) of the cylinder (1) axially, and therefore to apply tensile forces in a permanent manner to the lateral edges of each printing plate. In the case of a single printing plate, said sector is closed and forms a ring. Figure 2

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