Title (en)

Flexographic colour assembly with central print registration and pressure adjustment

Title (de)

Flexographisches Farbwerk mit zentraler Einstellung von Druckregister und Andruck

Title (fr)

Dispositif d'encrage flexographique comprenant un ajustage centrale du registre d'impression et de la pression

Publication

EP 1199167 A3 20030226 (EN)

Application

EP 01124225 A 20011015

Priority

IT VR20000104 A 20001018

Abstract (en)

[origin: EP1199167A2] A flexographic colour assembly designed to be arranged at a print drum, comprising a screen roller and a plate-carrying roller, supported at its ends on skids that can be moved in parallel and independently between three positions: one rest position distant from the printing drum, one working or attachment position, where the screen roller is positioned in contact with the plate-carrying roller, and the plate-carrying roller is shifted into contact with the printing drum, and a detached position in which the plate-carrying roller is shifted a pre-established short distance from the contact with the printing drum, and the screen roller is shifted a short pre-established distance from contact with the plate-carrying roller, said plate-carrying roller having side and longitudinal rollers to adjust its positioning with respect to the printing drum. The colour assembly comprises a single drive motor (17) for its movement between said rest position and working position of said screen rollers (2) and plate-carrying rollers (3), and, for driving said plate-carrying roller side and longitudinal registers, motion transmission means between said motor (17) and said support slides (5a,5b) and longitudinal support skids and said side and longitudinal registers and a pair of actuators (50a,50b) to control a respective attachment-detachment movement of the screen roller (2) and plate-carrying roller (3) independently from the motor (17) and a control unit (54). <IMAGE>

IPC 1-7

B41F 31/30

IPC 8 full level

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CPC (source: EP)

B41F 13/34 (2013.01); **B41F 31/32** (2013.01); B41P 2200/12 (2013.01)

Citation (search report)

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