Title (en)

Printing unit for rotary web-fed offset printing presses.

Title (de)

Druckwerkseinheit für Offset-Rollenrotationsdruckmaschinen.

Title (fr)

Unité d'impression pour machines rotatives offset pour l'impression de bandes.

Publication

EP 0023039 A1 19810128 (DE)

Application

EP 80104226 A 19800718

Priority

DE 2929654 A 19790721

Abstract (en)

1. A multi-cylinder unit of printing couples for use in a web-fed offset rotary printing machine for single-sided printing or perfecting of variable number, the cylinders being disposed on a plurality of levels one upon the other, characterized in that a basis unit (4) of printing couples is provided, comprising each two counter-pressure cylinders (14), blanket cylinders (13), and plate cylinders (12), two identical cylinders being always located in mirror image disposition to each other, that the counter-pressure cylinders (14) of the basis unit (4) of printing couples are located capable of optionally being engaged with, and lifted off the blanket cylinder (13) coordinated to each of them, or engaged with, and lifted off each other, that the blanket cylinders (13) are disposed capable of being engaged with, and lifted off each other, that the basis unit (4) of printing couples is constructed as a printing unit whose direction of rotation is reversible, that a first level unit (6) of printing couples is mounted upon the basis unit (4) of printing couples, that the first level unit (6) of printing couples comprises each two blanket cylinders (18, 18) and plate cylinders (17, 17), two identical cylinders being always located in mirror image disposition to each other, the blanket cylinders (18, 18) being disposed capable of being engaged with, and lifted off each other, that a level unit (8) of printing couples is located upon the first level unit (6) of printing couples, that the second level unit (8) of printing couples comprises one blancket cylinder (25) and one plate cylinder (24), the blanket cylinder (25) being disposed capable of being engaged with, and lifted off the blanket cylinder (18) of the first level unit (6) of printing couples, that the direction of rotation of the first level and the second level units (6, 8) of printing couples is not reversible.

Abstract (de)

Vielfach-Zylinder-Druckwerkseinheit fuer eine Offset-Rollenrotationsdruckmaschine mit einer Sechs-Zylinder-Basis-Druck-werkseinheit (4), auf die mindestens eine Vier-Zylinder-Druckwerkseinheit (6) und eine Zwei-Zylinder-Druckwerkseineheit (8) aufgesetzt sind. Mit dieser Vielfach-Zylinder-Druckwerkseinheit (4, 6, 8) soll bei gleicher Anzahl der Farbfuehrungsmoeglichkeiten im Schoen- und Widerdruck erreicht werden, dass - verglichen mit Neun- bzw. Zehn-Zylinder- Druckwerkseinheiten - weniger Zylinder und weniger Einrichtungen fuer die Drehrichtungsumkehr benoetigt werden.

IPC 1-7

B41F 7/02; B41F 13/00

IPC 8 full level

B41F 7/02 (2006.01); B41F 13/00 (2006.01)

CPC (source: EP)

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Citation (search report)
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