

Title (en)

Rotary offset machine with plurality of printing units in line

Title (de)

Offsetrotations-Druckmaschine mit mehreren Druckwerken in Reihenbauweise

Title (fr)

Rotative d'impression offset avec des groupes d'impression en ligne

Publication

EP 0685334 B1 19980805 (DE)

Application

EP 95106875 A 19950506

Priority

DE 4416974 A 19940513

Abstract (en)

[origin: JPH07314635A] PURPOSE: To reduce the disturbance of printing based on vibration by reducing the alteration of structural parts by synchronously performing the same printing operation by at least two printers arranged so as to provide the shift of a mutual phase angle. CONSTITUTION: For example, in the case of a multicolor printing offset rotary sheet-fed press having printers n, n+1, n+2, ..., n+7, one transfer cylinder is arranged between the impression cylinders of two any mutual printers and the impression cylinder 2 and transfer cylinder 1 made twice in diameter of each printer are formed between plate cylinders 3 and rubber cylinders 4. Since the phase angle between the individual printers is 90 deg. in this case, the same printing operation is generated in the first printer (n) and the fifth printer n+4 at the same time to elapse synchronously. Hereinafter, the same operation is generated even in the second printer n+1 and the sixth printer n+5 as well as the third printer n+2 and the seventh printer n+6.

IPC 1-7

B41F 7/06; **B41F 13/08**

IPC 8 full level

B41F 13/00 (2006.01); **B41F 7/06** (2006.01); **B41F 13/08** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)

B41F 7/06 (2013.01 - EP US); **B41F 13/085** (2013.01 - EP US)

Citation (examination)

Walenski, W., "Offsetdruck" 1991, Polygraph Verlag, Frankfurt am Main, DE, Seite 81

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 4416974 A1 19951116; **DE 4416974 C2 19961017**; **DE 4416974 C3 20000105**; DE 59503049 D1 19980910; EP 0685334 A1 19951206; EP 0685334 B1 19980805; JP 3620608 B2 20050216; JP H07314635 A 19951205; US 5524538 A 19960611

DOCDB simple family (application)

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