

Title (en)

Printing unit for a web printing machine

Title (de)

Druckwerk für eine Rollendruckmaschine

Title (fr)

Unité d'impression pour une machine d'impression à bobine

Publication

EP 0649740 B1 19980708 (DE)

Application

EP 94810519 A 19940908

Priority

CH 280493 A 19930917

Abstract (en)

[origin: EP0649740A1] The printing unit has two interacting nip-forming cylinders (1, 4) which exhibit printing saddles (2, 5) separated by cylinder grooves (3, 6). The paper web (7) passing the nip is transported in pilgrim-step operation in order to print adjoining formats. The two cylinders (1, 4) can be adjusted at an angle, with respect to the position of their printing saddles (2, 5) interacting in the nip, offset with respect to one another by a circumferential distance which is approximately equal to the difference between the circumferential length (S) of a printing saddle and the circumferential length (B) of a printed image. Consequently, the printed zone is only approximately as large as the printed image, and the printing-free zone available for drawing back the paper web is correspondingly enlarged. <IMAGE>

IPC 1-7

B41F 13/04

IPC 8 full level

B41F 5/16 (2006.01); **B41F 13/04** (2006.01); **B41F 33/06** (2006.01)

CPC (source: EP KR)

B41F 13/04 (2013.01 - EP KR)

Cited by

GB2328501A; GB2328501B

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0649740 A1 19950426; EP 0649740 B1 19980708; AT E168071 T1 19980715; AU 7290994 A 19950330; CA 2117665 A1 19950318; CA 2117665 C 20060110; CN 1051281 C 20000412; CN 1116986 A 19960221; DE 59406405 D1 19980813; JP 3464536 B2 20031110; JP H07148913 A 19950613; KR 100336921 B1 20021127; KR 950008126 A 19950417; RU 2114741 C1 19980710; RU 94033483 A 19960627

DOCDB simple family (application)

EP 94810519 A 19940908; AT 94810519 T 19940908; AU 7290994 A 19940912; CA 2117665 A 19940908; CN 94116304 A 19940915; DE 59406405 T 19940908; JP 22175894 A 19940916; KR 19940023576 A 19940916; RU 94033483 A 19940916