

Title (en)
Printing station, particularly for a flexographic printing press

Title (de)
Druckvorrichtung, insbesondere flexographische Druckmaschine

Title (fr)
Dispositif d'impression en particulier machine d'impression flexographique

Publication
EP 1285753 A1 20030226 (EN)

Application
EP 02009120 A 20020424

Priority
IT MI20011737 A 20010807

Abstract (en)
A printing station is described, particularly for a flexographic printing press, comprising an anilox roller (2) able to transfer a veil of ink (6) onto a plate cylinder (3) able to perform printing on a web material (W) which is fed between said roller and a backing roller (4). The three rollers (2, 3, 4) have parallel axes, the anilox roller (2) and the backing roller (4) have the same diameter and are both in contact with the plate cylinder (3), the second roller (3) by interposition of the web. The diameter of the plate cylinder (3) varies according to the print format. The plate cylinder (3) is supported with its mandrel (33) by two sides supports (20) open at the top, resting on respective pair of adjustment cams (30) and attracted against the respective side panels (12, 13) of the press by magnets housed in recesses (24) provided in said side panels (12, 13). Each support (20) has on the bottom a pin (25) housing in a respective hole (26) of a wedge (27) constrained to the respective side panel (12, 13) of the press. <IMAGE>

IPC 1-7
B41F 13/44; **B41F 13/20**; **B41F 5/24**

IPC 8 full level
B41F 5/24 (2006.01); **B41F 13/20** (2006.01); **B41F 13/44** (2006.01)

CPC (source: EP)
B41F 5/24 (2013.01); **B41F 13/20** (2013.01); **B41F 13/44** (2013.01)

Citation (applicant)
US 4878427 A 19891107 - WASHCHYNSKY BOHDAN [US], et al

Citation (search report)
• [A] US 2982204 A 19610502 - ROEHM WILLIAM A
• [A] FR 2342160 A1 19770923 - NAVARRE JEAN PIERRE [FR]

Cited by
EP1946847A3; CN109334247A; EP1621343A3; DE102009001481A1; DE102009001481B4; CN101912878A; CN107627717A; NL2011465C2; CN105555536A; EP3459738A1; ITMI20101471A1; CN103068577A; CN110978767A; CN107225843A; CN110709248A; CN111619204A; US11390067B2; US9586393B2; US8104422B2; US7398730B2; US7958821B2; WO2015041521A3; WO2012016758A1; WO2013029700A1; WO2018184738A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1285753 A1 20030226; **EP 1285753 B1 20070725**; AT E367923 T1 20070815; DE 60221326 D1 20070906; DE 60221326 T2 20080410; DK 1285753 T3 20071126; ES 2291390 T3 20080301; IT MI20011737 A0 20010807; IT MI20011737 A1 20030207; PT 1285753 E 20071029

DOCDB simple family (application)
EP 02009120 A 20020424; AT 02009120 T 20020424; DE 60221326 T 20020424; DK 02009120 T 20020424; ES 02009120 T 20020424; IT MI20011737 A 20010807; PT 02009120 T 20020424