

Title (en)
Printing unit

Title (de)
Druckeinheit

Title (fr)
Unité d'impression

Publication
EP 1364782 A3 20081126 (DE)

Application
EP 03018194 A 20010917

Priority
• DE 10046373 A 20000920
• DE 10046374 A 20000920
• EP 01982105 A 20010917

Abstract (en)
[origin: EP1524114A2] The unit has at least five cylinders with a first pair of forme and transfer cylinders and a second pair of forme and transfer cylinders. The transfer cylinders of both pairs interact with a satellite cylinder in a print-on position. At least one of the transfer cylinders has a set-up speed different from a production speed and null and the associated fore cylinder simultaneously has a set-up speed different from a production speed and null. The unit has at least five cylinders containing a first pair of first forme (01,09) and transfer (02,11) cylinders and a second pair of second forme and transfer cylinders. The transfer cylinders of both pairs interact with a satellite cylinder (24) in a print-on position. At least one of the transfer cylinders has a set-up speed different from a production speed and null and the associated fore cylinder simultaneously has a set-up speed different from a production speed and null.

IPC 8 full level
B41F 7/10 (2006.01); **B41F 7/02** (2006.01); **B41F 7/12** (2006.01); **B41F 13/004** (2006.01); **B41F 13/03** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)
B41F 7/025 (2013.01 - EP US); **B41F 7/10** (2013.01 - EP US); **B41F 7/12** (2013.01 - EP US); **B41F 13/0045** (2013.01 - EP US); **B41F 13/03** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US); **B41P 2217/13** (2013.01 - EP US); **B41P 2227/70** (2013.01 - EP US); **B41P 2233/00** (2013.01 - EP US); **B41P 2233/11** (2013.01 - EP US); **B41P 2235/00** (2013.01 - EP US)

Citation (search report)
• [A] EP 0782919 A1 19970709 - HEIDELBERGER DRUCKMASCH AG [DE]
• [A] GB 2149149 A 19850605 - ROCKWELL GRAPHIC SYST
• [A] DE 19723043 A1 19981203 - WIFAG MASCHF [CH]
• [AD] DE 19732330 A1 19990204 - KOENIG & BAUER ALBERT AG [DE]
• [A] BOSSE R: "DIGITALER DIREKTANTRIEB AN DRUCKMASHINEN", DRUCKSPIEGEL, DRUCKSPIEGEL VERLAGSGESELLSCHAFT, HEUSENSTAMM, DE, vol. 9, 1999, pages 53 - 56, XP000961981, ISSN: 0012-6500

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

Designated extension state (EPC)
AL LT LV MK RO SI

DOCDB simple family (publication)
WO 0224454 A1 20020328; **WO 0224454 B1 20020725**; AT E555906 T1 20120515; AU 1379602 A 20020402; CN 1209243 C 20050706; CN 1461262 A 20031210; EP 1318909 A1 20030618; EP 1318909 B1 20120502; EP 1361047 A2 20031112; EP 1361047 A3 20081029; EP 1361047 B1 20120801; EP 1364780 A2 20031126; EP 1364780 A3 20081126; EP 1364782 A2 20031126; EP 1364782 A3 20081126; EP 1524114 A2 20050420; JP 2004508983 A 20040325; US 2004035309 A1 20040226; US 6895857 B2 20050524

DOCDB simple family (application)
DE 0103560 W 20010917; AT 01982105 T 20010917; AU 1379602 A 20010917; CN 01815994 A 20010917; EP 01982105 A 20010917; EP 03018190 A 20010917; EP 03018191 A 20010917; EP 03018194 A 20010917; EP 04104620 A 20010917; JP 2002528496 A 20010917; US 38047403 A 20030320