

Title (en)
Printing unit of a printing machine

Title (de)
Druckwerk einer Rotationsdruckmaschine

Title (fr)
Groupe d'impression d'une machine d'impression

Publication
EP 1329312 A3 20050615 (DE)

Application
EP 03008048 A 20001201

Priority

- DE 19958133 A 19991202
- DE 19958135 A 19991202
- DE 10016409 A 20000401
- EP 00989826 A 20001201

Abstract (en)

[origin: WO0139974A2] The invention relates to a arrangement of at least two channels which are approximately continuous in a longitudinal direction are on a transfer cylinder, whereby a variety of possibilities for arranging objects to be placed thereon, i.e. print cloths is provided. Optionally, several print cloths lie juxtaposed one after the other in a peripheral direction and/or in the longitudinal direction, especially in the case of double-width cylinder pairs, in which the appropriate transfer cylinder has twice the length of the circumference, or said print cloths at least partially cover a channel and extend along the whole circumference.

[origin: WO0139974A2] The invention relates to a arrangement of at least two channels (14, 16) which are approximately continuous in a longitudinal direction are on a transfer cylinder (02), whereby a variety of possibilities for arranging objects to be placed thereon, i.e. print cloths (09) is provided. Optionally, several print cloths lie juxtaposed one after the other in a peripheral direction and/or in the longitudinal direction, especially in the case of double-width cylinder pairs, in which the appropriate transfer cylinder (02) has twice the length of the circumference, or said print cloths (09) at least partially cover a channel and extend along the whole circumference.

IPC 1-7
B41F 7/04; B41F 7/10; B41F 13/08

IPC 8 full level
B41F 1/00 (2006.01); **B41F 1/28** (2006.01); **B41F 7/04** (2006.01); **B41F 7/10** (2006.01); **B41F 7/12** (2006.01); **B41F 13/08** (2006.01); **B41F 13/10** (2006.01); **B41F 13/193** (2006.01); **B41F 13/21** (2006.01); **B41F 27/12** (2006.01); **B41F 30/02** (2006.01); **B41F 30/04** (2006.01); **B41N 10/04** (2006.01)

CPC (source: EP US)
B41F 7/04 (2013.01 - EP US); **B41F 7/10** (2013.01 - EP US); **B41F 7/12** (2013.01 - EP US); **B41F 13/08** (2013.01 - EP US); **B41F 13/193** (2013.01 - EP US); **B41F 30/04** (2013.01 - EP US); **B41N 10/04** (2013.01 - EP US); **B41P 2200/20** (2013.01 - EP US); **B41P 2227/10** (2013.01 - EP US); **B41P 2227/12** (2013.01 - EP US)

Citation (search report)

- [A] GB 1476707 A 19770616 - ROCKWELL INTERNATIONAL CORP
- [A] DE 19541249 A1 19961107 - KOENIG & BAUER ALBERT AG [DE]
- [AD] DE 19803809 A1 19990805 - ROLAND MAN DRUCKMASCH [DE]
- [A] JP H1071694 A 19980317 - MITSUBISHI HEAVY IND LTD & PATENT ABSTRACTS OF JAPAN vol. 1998, no. 08 30 June 1998 (1998-06-30)

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)
WO 0139974 A2 20010607; WO 0139974 A3 20011115; WO 0139974 B1 20020606; AT E252455 T1 20031115; AT E260765 T1 20040315; AT E300426 T1 20050815; AT E407005 T1 20080915; AT E408503 T1 20081015; AT E438508 T1 20090815; AT E444164 T1 20091015; AT E451236 T1 20091215; AT E488364 T1 20101215; AT E511444 T1 20110615; DE 20023206 U1 20030430; DE 20023298 U1 20031002; DE 20023299 U1 20031002; DE 20023300 U1 20031002; DE 20023301 U1 20031002; DE 20023363 U1 20031120; DE 20023364 U1 20031120; DE 20023365 U1 20031120; DE 20023366 U1 20031120; DE 20023414 U1 20040226; DE 20023697 U1 20050825; DE 20023995 U1 20081106; DE 20023996 U1 20081106; DE 20024010 U1 20090610; DE 50004200 D1 20031127; DE 50005572 D1 20040408; DE 50010842 D1 20050901; DE 50015347 D1 20081016; DE 50015369 D1 20081030; DE 50015707 D1 20090917; DE 50015753 D1 20091112; DE 50015819 D1 20100121; DE 50016033 D1 20101230; DK 1310363 T3 20040329; DK 1361051 T3 20100301; DK 1454745 T3 20090105; EP 1233862 A2 20020828; EP 1233862 B1 20050727; EP 1233864 A1 20020828; EP 1233864 B1 20031022; EP 1310362 A1 20030514; EP 1310363 A1 20030514; EP 1310363 B1 20040303; EP 1329312 A2 20030723; EP 1329312 A3 20050615; EP 1334825 A2 20030813; EP 1334825 A3 20030827; EP 1334825 B1 20110601; EP 1334826 A2 20030813; EP 1334826 A3 20030827; EP 1334826 B1 20090805; EP 1361051 A2 20031112; EP 1361051 A3 20050907; EP 1361051 B1 20091209; EP 1361051 B9 20100224; EP 1361052 A2 20031112; EP 1361052 A3 20080716; EP 1361052 B1 20090930; EP 1361053 A2 20031112; EP 1361053 A3 20040128; EP 1361054 A2 20031112; EP 1361054 A3 20050615; EP 1454745 A2 20040908; EP 1454745 A3 20040915; EP 1454745 B1 20080917; EP 1522405 A2 20050413; EP 1522405 A3 20050420; EP 1568492 A1 20050831; EP 1574332 A1 20050914; EP 1574332 B1 20080903; EP 1970197 A2 20080917; EP 1970197 A3 20091216; EP 1970197 B1 20101117; ES 2211858 T3 20040716; ES 2310700 T3 20090116; ES 2330422 T3 20091210; ES 2334120 T3 20100305; PT 1454745 E 20081002; US 2002189470 A1 20021219; US 2005145129 A1 20050707; US 2005145130 A1 20050707; US 2006117974 A1 20060608; US 6920824 B2 20050726; US 7066090 B2 20060627; US 7246557 B2 20070724; US 7523703 B2 20090428; WO 0139977 A1 20010607

DOCDB simple family (application)
DE 0004295 W 20001201; AT 00989826 T 20001201; AT 00989827 T 20001201; AT 03003525 T 20001201; AT 03010638 T 20001201; AT 03011783 T 20001201; AT 03017242 T 20001201; AT 03017243 T 20001201; AT 04102358 T 20001201; AT 05104291 T 20001201; AT 08158557 T 20001201; DE 0004293 W 20001201; DE 20023206 U 20001201; DE 20023298 U 20001201; DE 20023299 U 20001201; DE 20023300 U 20001201; DE 20023301 U 20001201; DE 20023363 U 20001201; DE 20023364 U 20001201; DE 20023365 U 20001201; DE 20023366 U 20001201; DE 20023414 U 20001201; DE 20023697 U 20001201; DE 20023995 U 20001201; DE 20023996 U 20001201; DE 20024010 U 20001201; DE 50004200 T 20001201; DE 50005572 T 20001201; DE 50010842 T 20001201; DE 50015347 T 20001201; DE 50015369 T 20001201; DE 50015707 T 20001201; DE 50015753 T 20001201; DE 50015819 T 20001201; DE 50016033 T 20001201;

DK 03003525 T 20001201; DK 03017242 T 20001201; DK 04102358 T 20001201; EP 00989826 A 20001201; EP 00989827 A 20001201; EP 03003523 A 20001201; EP 03003525 A 20001201; EP 03008048 A 20001201; EP 03010638 A 20001201; EP 03011783 A 20001201; EP 03017242 A 20001201; EP 03017243 A 20001201; EP 03017311 A 20001201; EP 03017312 A 20001201; EP 04102358 A 20001201; EP 05100151 A 20001201; EP 05103076 A 20001201; EP 05104291 A 20001201; EP 08158557 A 20001201; ES 03003525 T 20001201; ES 03017242 T 20001201; ES 03017243 T 20001201; ES 04102358 T 20001201; PT 04102358 T 20001201; US 11141702 A 20020507; US 33884506 A 20060125; US 7024405 A 20050303; US 7024505 A 20050303