

Title (en)

Method for operating a printing group

Title (de)

Verfahren zum Betrieb eines Druckwerkes

Title (fr)

Procédé de fonctionnement d'un mécanisme d'impression

Publication

EP 1688253 A1 20060809 (DE)

Application

EP 06110834 A 20021118

Priority

- EP 05106689 A 20021118
- EP 02787374 A 20021118
- DE 10157270 A 20011122
- DE 10157271 A 20011122
- DE 10218359 A 20020425

Abstract (en)

Rotary print machine has a print mechanism with which print ink can be applied to a print medium. The dependence between the print ink ease of flow or elasticity and temperature is at most 0.6 tack /[deg]C in the temperature range between 22 and 50[deg]C. Alternately in a production speed range between 3 and 16 m/s the ink elasticity varies by at most 1.5 tack s/m. Independent claims are also included for the following:- (a) A rotary print machine that uses ink of specific tackiness; (b) a print ink whose tackiness varies in a given way over a given temperature range or production speed; (c) and use of print ink of a given tack in a rotary printer or in non-aqueous offset printing.

IPC 8 full level

B41F 7/02 (2006.01); **B41F 31/00** (2006.01); **B41F 13/22** (2006.01); **B41F 31/02** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)

B41F 13/22 (2013.01 - EP US); **B41F 31/002** (2013.01 - EP US); **B41F 31/005** (2013.01 - EP US); **B41M 1/06** (2013.01 - EP US); **B41M 1/00** (2013.01 - EP US); **B41P 2200/21** (2013.01 - EP US)

Citation (applicant)

- JP S62191152 A 19870821 - MITSUBISHI HEAVY IND LTD
- EP 0652104 A1 19950510 - ROLAND MAN DRUCKMASCH [DE]
- EP 0886578 B1 20010516 - HEIDELBERGER DRUCKMASCH AG [DE]
- DE 1953590 A1 19710624 - KELLER LEO
- DE 19736339 A1 19990415 - ROLAND MAN DRUCKMASCH [DE]
- DE 4431188 A1 19950511 - ROLAND MAN DRUCKMASCH [DE]
- EP 0562983 A1 19930929 - PECHINEY EMBALLAGE ALIMENTAIRE [FR]

Citation (search report)

- [A] EP 0562983 A1 19930929 - PECHINEY EMBALLAGE ALIMENTAIRE [FR]
- [DA] DE 1953590 A1 19710624 - KELLER LEO
- [DA] EP 0652104 A1 19950510 - ROLAND MAN DRUCKMASCH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03045695 A1 20030605; AT E337179 T1 20060915; AT E348705 T1 20070115; AT E348706 T1 20070115; AT E359912 T1 20070515; AT E359913 T1 20070515; AT E360527 T1 20070515; AT E369983 T1 20070915; AT E551190 T1 20120415; AU 2002351680 A1 20030610; AU 2002351681 A1 20030610; CN 100335270 C 20070905; CN 100345682 C 20071031; CN 100588541 C 20100210; CN 101085565 A 20071212; CN 101085565 B 20100609; CN 101130296 A 20080227; CN 1615219 A 20050511; CN 1615220 A 20050511; DE 50207959 D1 20061005; DE 50209033 D1 20070201; DE 50209038 D1 20070201; DE 50210006 D1 20070531; DE 50210007 D1 20070531; DE 50210051 D1 20070606; DE 50210729 D1 20070927; EP 1446290 A1 20040818; EP 1446290 B1 20061220; EP 1446290 B2 20130612; EP 1465772 A1 20041013; EP 1465772 B1 20140924; EP 1600290 A1 20051130; EP 1600290 B1 20060823; EP 1609599 A2 20051228; EP 1609599 A3 20060329; EP 1609599 B1 20061220; EP 1681160 A1 20060719; EP 1681160 B1 20070418; EP 1681161 A1 20060719; EP 1681161 B1 20070425; EP 1681162 A2 20060719; EP 1681162 A3 20060802; EP 1681162 B1 20070815; EP 1681162 B2 20120125; EP 1688253 A1 20060809; EP 1688253 B1 20070418; EP 1815984 A2 20070808; EP 1815984 A3 20110427; EP 1815984 B1 20120328; ES 2268676 T3 20070316; ES 2275934 T3 20070616; ES 2276377 T3 20070616; ES 2284156 T3 20071101; ES 2284157 T3 20071101; ES 2284158 T3 20071101; ES 2290943 T3 20080216; ES 2290943 T5 20120424; ES 2382471 T3 20120608; JP 2005510384 A 20050421; JP 2005510385 A 20050421; JP 2007112144 A 20070510; JP 4593921 B2 20101208; US 2005005803 A1 20050113; US 2005011387 A1 20050120; US 2005274273 A1 20051215; US 2006000380 A1 20060105; US 2006201366 A1 20060914; US 2006201367 A1 20060914; US 7004070 B2 20060228; US 7021215 B2 20060404; US 7089855 B2 20060815; US 7143695 B2 20061205; US 7261034 B2 20070828; US 7409910 B2 20080812; WO 03045694 A1 20030605

DOCDB simple family (application)

DE 0204248 W 20021118; AT 02787373 T 20021118; AT 05106680 T 20021118; AT 05106689 T 20021118; AT 06110834 T 20021118; AT 06110835 T 20021118; AT 06110842 T 20021118; AT 06111976 T 20021118; AT 07108106 T 20021118; AU 2002351680 A 20021118; AU 2002351681 A 20021118; CN 02827152 A 20021118; CN 02827178 A 20021118; CN 200710138638 A 20021118; CN 200710162460 A 20021118; DE 0204247 W 20021118; DE 50207959 T 20021118; DE 50209033 T 20021118; DE 50209038 T 20021118; DE 50210006 T 20021118; DE 50210007 T 20021118; DE 50210051 T 20021118; DE 50210729 T 20021118; EP 02787373 A 20021118; EP 02787374 A 20021118; EP 05106680 A 20021118; EP 05106689 A 20021118; EP 06110834 A 20021118; EP 06110835 A 20021118; EP 06110842 A 20021118; EP 06111976 A 20021118; EP 07108106 A 20021118; ES 02787373 T 20021118; ES 05106680 T 20021118; ES 05106689 T 20021118; ES 06110834 T 20021118; ES 06110835 T 20021118; ES 06110842 T 20021118; ES 06111976 T 20021118; ES 07108106 T 20021118; JP 2003547174 A 20021118; JP 2003547175 A 20021118; JP 2006343103 A 20061220; US 19912805 A 20050809; US 20627205 A 20050818; US 43151006 A 20060511; US 43411006 A 20060516; US 49512304 A 20040520; US 49512404 A 20040520