Title (en)
Wedge ink duct element of printing machines

Title (de)
Einsatz für einen Keilfarbkasten von Druckmaschinen

Title (fr)
Bac d'encrage à coins de machines à imprimer

Publication
EP 0850762 B1 20010124 (DE)

Application
EP 97116703 A 19970924

Priority
DE 19640775 A 19961002

Abstract (en)
[origin: DE19640775A1] The insert (13) is lockable opposite the ink fountain roller (8) fixed in position relative to the ink fountain (3). The insert is spaced from the roller to allow full inking between the side walls (4) of the ink fountain. The relevant interspace between a side wall (16) of the insert (13) and a side part (4) of the ink fountain is ink-tight at least in an area close to the ink fountain containing the maximum filling level. The side walls (16) of the insert protruding up at the side parts of the ink fountain each have a bearing supporting on the side part and fixed against lifting from the side wall.

IPC 1-7 (main, further and additional classification)
B41F 31/04

IPC 8 full level (invention and additional information)
B41F 31/04 (2006.01)

CPC (invention and additional information)
B41F 31/04 (2013.01)

Cited by
EP1078739A1; EP1057629A3; DE102007023463B4; EP1348552A1; US6339989B1; DE102007023463A1; US6477953B2; US6550386B2

Designated contracting state (EPC)
CH DE FR GB LI SE

EPO simple patent family
DE 19640775 A1 19980409; EP 0850762 A1 19980701; EP 0850762 B1 20010124; US 5979321 A 19991109

INPADOC legal status

2013-08-30 [PG25 FR] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : FR
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20121001

2013-07-31 [PG25 CH] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : CH
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20120930

2013-07-31 [PG25 LI] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : LI
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20120930

2013-07-31 [PG25 DE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : DE
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20130403

2013-07-25 [REG DE R119] APPLICATION DEEMED WITHDRAWN, OR IP RIGHT LAPSED, DUE TO NON-PAYMENT OF RENEWAL FEE
- Document : DE 59702952
- Effective date : 20130403

2013-06-28 [REG FR ST] NOTIFICATION OF LAPSE
- Effective date : 20130531

2013-04-30 [REG SE EUG] EUROPEAN PATENT HAS LAPSED

2013-04-30 [PG25 SE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : SE

- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20120925

2013-04-30 [REG CH PL] PATENT CEASED

2012-08-31 [PG25 GB] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO
- Ref Country Code : GB
- Free text : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
- Effective date : 20110924

2012-08-16 [REG DE R081] CHANGE OF APPLICANT/PATENTEE
- Owner name : MANROLAND WEB SYSTEMS GMBH, DE
- Free text : FORMER OWNER: MANROLAND AG, 63075 OFFENBACH, DE
- Document : DE 59702952
- Effective date : 20120626

2012-05-23 [GBPC] GB: EUROPEAN PATENT CEASED THROUGH NON-PAYMENT OF RENEWAL FEE
- Effective date : 20110924

2011-11-30 [PGFP FR] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : FR
- Payment date : 20110928
- Year of fee payment : 15

2011-11-30 [PGFP DE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : DE
- Payment date : 20110923
- Year of fee payment : 15

2011-11-30 [PGFP SE] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : SE
- Payment date : 20110923
- Year of fee payment : 15

2011-10-31 [PGFP CH] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : CH
- Payment date : 20110923
- Year of fee payment : 15

2010-12-31 [PGFP GB] POSTGRANT: ANNUAL FEES PAID TO NATIONAL OFFICE
- Ref Country Code : GB
- Payment date : 20100921
- Year of fee payment : 14

2009-04-17 [REG FR CD] CHANGE OF NAME OR COMPANY NAME

2008-07-31 [REG CH PFA] NAME/FIRM CHANGED
- Owner name : MANROLAND AG
- Free text : MAN ROLAND DRUCKMASCHINEN AG#POSTFACH 10 12 64#63012 OFFENBACH (DE) -TRANSFER TO- MANROLAND AG#MUEHLHEIMER STRA?E 341#63075 OFFENBACH (DE)

2007-10-15 [REG CH PFA] NAME/FIRM CHANGED
- Owner name : MAN ROLAND DRUCKMASCHINEN AG
- Free text : MAN ROLAND DRUCKMASCHINEN AG#POSTFACH 10 12 64#63012 OFFENBACH (DE) -TRANSFER TO- MAN ROLAND DRUCKMASCHINEN AG#POSTFACH 10 12 64#63012 OFFENBACH (DE)

2002-01-16 [26N] NO OPPOSITION FILED

2002-01-01 [REG GB IF02] EUROPEAN PATENT IN FORCE AS OF 2002-01-01

2001-03-09 [ET] FR: TRANSLATION FILED

2001-03-01 [REF] CORRESPONDS TO:
- Document : DE 59702952 20010301

2001-02-14 [GBT] GB: TRANSLATION OF EP PATENT FILED (GB SECTION 77(6)(A)/1977)
- Effective date : 20010124

2001-01-31 [REG CH EP] ENTRY IN THE NATIONAL PHASE

2001-01-31 [REG CH NV] NEW AGENT
- Representative's name : E. BLUM & CO. PATENTANWAELTE

2001-01-24 [AK] DESIGNATED CONTRACTING STATES:

- Kind Code of Ref Document : B1
- Designated State(s) : CH DE FR GB LI SE

2000-05-24 [17Q] FIRST EXAMINATION REPORT
- Effective date : 20000406

1999-03-17 [AKX] PAYMENT OF DESIGNATION FEES
- Free text : CH DE FR GB LI SE

1999-03-17 [RBV] DESIGNATED CONTRACTING STATES (CORRECTION)
- Designated State(s) : CH DE FR GB LI SE

1999-02-24 [17P] REQUEST FOR EXAMINATION FILED
- Effective date : 19981217

1998-07-01 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A1
- Designated State(s) : CH DE FR GB LI SE

1998-07-01 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;RO;SI