

Title (en)
PRINTING UNIT AND A ROTARY ROLLER PRINTING PRESS

Title (de)
DRUCKEINHEIT UND EINE ROLLENROTATIONS-DRUCKMASCHINE

Title (fr)
UNITE D'IMPRESSION ET PRESSE ROTATIVE A IMPRIMER

Publication
EP 1438190 B1 20100728 (DE)

Application
EP 02776749 A 20020930

Priority

- DE 0203692 W 20020930
- DE 10149068 A 20011005
- DE 10149997 A 20011011
- DE 10202033 A 20020118
- DE 10228970 A 20020626
- DE 10228968 A 20020626
- DE 0202410 W 20020703
- DE 10230316 A 20020705
- DE 10235391 A 20020802
- DE 10238177 A 20020821

Abstract (en)

[origin: WO03031179A2] The invention relates to a rotary roller printing press with a printing unit for printing a web with six printed pages, arranged axially next to each other, comprising a superstructure in which the web is cut longitudinally into three partial webs, with a folding installation, comprising at least one roller for transporting the partial webs and at least one folding apparatus. The invention is characterised in that the printing unit, the at least one roller for transporting the partial webs of the folding installation and a folding apparatus arranged after the above are separately mechanically driven by drive motors.

[origin: WO03031179A2] The printer unit (02) prints a web (03) with six axially adjacent printed pages and has a superstructure (04) in which the web is divided longitudinally into three part-webs (03a,03b,03c). A folder structure has at least one roller for conveying the part-webs and at least one folder device each driven mechanically separately by drive motors. At least two printing towers (01) each have at least two printer units and s folder structure which has two vertically staggered groups of at least two formers each and at least one group of leading rollers.

IPC 8 full level

B41F 1/00 (2006.01); **B41F 7/10** (2006.01); **B41F 5/08** (2006.01); **B41F 5/16** (2006.01); **B41F 7/02** (2006.01); **B41F 7/12** (2006.01); **B41F 13/00** (2006.01); **B41F 13/004** (2006.01); **B41F 13/008** (2006.01); **B41F 13/06** (2006.01); **B41F 13/08** (2006.01); **B41F 13/10** (2006.01); **B41F 13/18** (2006.01); **B41F 13/193** (2006.01); **B41F 13/20** (2006.01); **B41F 13/54** (2006.01); **B41F 13/56** (2006.01); **B41F 13/58** (2006.01); **B41F 27/00** (2006.01); **B41F 27/12** (2006.01); **B41F 30/00** (2006.01); **B41F 30/04** (2006.01); **B65H 45/22** (2006.01); **B65H 45/28** (2006.01)

IPC 8 main group level

B41F (2006.01)

CPC (source: EP US)

B41F 7/025 (2013.01 - EP US); **B41F 7/10** (2013.01 - EP US); **B41F 13/0045** (2013.01 - EP US); **B41F 13/008** (2013.01 - EP US); **B41F 13/06** (2013.01 - EP US); **B41F 13/08** (2013.01 - EP US); **B41F 13/10** (2013.01 - EP US); **B41F 13/193** (2013.01 - EP US); **B41F 13/54** (2013.01 - EP US); **B41F 13/56** (2013.01 - EP US); **B41F 13/58** (2013.01 - EP US); **B41F 27/12** (2013.01 - EP US); **B41F 27/1206** (2013.01 - EP US); **B41F 27/1262** (2013.01 - EP US); **B65H 45/225** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US); **B41P 2227/11** (2013.01 - EP US)

Cited by

DE102014113745A1

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 03031179 A2 20030417; WO 03031179 A3 20030925; WO 03031179 B1 20031030; AT E312714 T1 20051215; AT E429333 T1 20090515; AT E475536 T1 20100815; AT E497444 T1 20110215; AT E506189 T1 20110515; AU 2002339337 A1 20030422; AU 2002339339 A1 20030422; CN 100509388 C 20090708; CN 1323833 C 20070704; CN 1564746 A 20050112; CN 1994735 A 20070711; DE 20221095 U1 20050217; DE 20221226 U1 20051013; DE 20221646 U1 20061005; DE 20221647 U1 20060928; DE 20221648 U1 20060928; DE 20221927 U1 20090423; DE 20221931 U1 20090604; DE 20221932 U1 20090604; DE 20221937 U1 20090618; DE 20221942 U1 20090702; DE 50213490 D1 20090604; DE 50214555 D1 20100909; DE 50214898 D1 20110317; DE 50215021 D1 20110601; EP 1432578 A2 20040630; EP 1432578 B1 20051214; EP 1438190 A2 20040721; EP 1438190 B1 20100728; EP 1440801 A2 20040728; EP 1440801 A3 20060607; EP 1449657 A2 20040825; EP 1449657 A3 20050427; EP 1449657 B1 20110202; EP 1466730 A2 20041013; EP 1466730 A3 20060719; EP 1466730 B1 20090422; EP 1508441 A2 20050223; EP 1508441 A3 20050302; EP 1508441 B1 20110420; ES 2322587 T3 20090623; JP 2005319815 A 20051117; JP 2005504667 A 20050217; US 2004244615 A1 20041209; US 2004250717 A1 20041216; US 2007068405 A1 20070329; US 2007084363 A1 20070419; US 2007095226 A1 20070503; US 2007169645 A1 20070726; US 7156019 B2 20070102; US 7159512 B2 20070109; US 7296516 B2 20071120; US 7448320 B2 20081111; US 7546801 B2 20090616; US 7562623 B2 20090721; WO 03031180 A2 20030417; WO 03031180 A3 20030605; WO 03031180 B1 20030912

DOCDB simple family (application)

DE 0203691 W 20020930; AT 02776748 T 20020930; AT 02776749 T 20020930; AT 04101694 T 20020930; AT 04101881 T 20020930; AT 04105447 T 20020930; AU 2002339337 A 20020930; AU 2002339339 A 20020930; CN 02819760 A 20020930; CN 200710001700 A 20020930; DE 0203692 W 20020930; DE 20221095 U 20020930; DE 20221226 U 20020930; DE 20221646 U 20020930; DE 20221647 U 20020930; DE 20221648 U 20020930; DE 20221927 U 20020930; DE 20221931 U 20020930; DE 20221932 U 20020930; DE 20221937 U 20020930; DE 20221942 U 20020930; DE 50213490 T 20020930; DE 50214555 T 20020930; DE 50214898 T 20020930; DE 50215021 T 20020930; EP 02776748 A 20020930; EP 02776749 A 20020930; EP 04101694 A 20020930; EP 04101696 A 20020930; EP 04101881 A 20020930; EP 04105447 A 20020930; ES 04101881 T 20020930; JP 2003534190 A 20020930; JP 2005190664 A 20050629;

US 49037704 A 20040402; US 49038804 A 20040405; US 58908606 A 20061030; US 58910506 A 20061030; US 63666006 A 20061211;
US 63707306 A 20061212