

Title (en)  
Printing unit

Title (de)  
Druckeinheit

Title (fr)  
Unité d'impression

Publication  
**EP 1361048 A3 20090121 (DE)**

Application  
**EP 03018192 A 20010917**

Priority  
• DE 10046370 A 20000920  
• DE 10046374 A 20000920  
• EP 01982106 A 20010917

Abstract (en)  
[origin: WO0224455A1] A printing unit has at least four cylinders of at least one printer. At least two of the cylinders rotate independently of each other, while at least one of the cylinders has a set-up rotational speed that is different to the rotational speed zero and from a production rotational speed.

IPC 8 full level  
**B41F 7/12** (2006.01); **B41F 7/02** (2006.01); **B41F 7/10** (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)  
• [XY] DE 19624394 C1 19971204 - ROLAND MAN DRUCKMASCH [DE]  
• [Y] DE 4430693 A1 19960307 - ROLAND MAN DRUCKMASCH [DE]  
• [X] DE 19903869 A1 20000803 - SIEMENS AG [DE]  
• [A] EP 0930158 A1 19990721 - BAUMUELLER ANLAGEN SYSTEMTECH [DE]

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 0224455 A1 20020328**; **WO 0224455 B1 20020725**; AT E448941 T1 20091215; AU 1379702 A 20020402; CN 1194863 C 20050330; CN 1461263 A 20031210; DE 50115232 D1 20091231; EP 1318911 A1 20030618; EP 1318911 B1 20140312; EP 1361048 A2 20031112; EP 1361048 A3 20090121; EP 1361049 A2 20031112; EP 1361049 A3 20080709; EP 1361049 B1 20091118; EP 1364781 A2 20031126; JP 2004508984 A 20040325; US 2004011230 A1 20040122; US 6823785 B2 20041130

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**DE 0103561 W 20010917**; AT 03018195 T 20010917; AU 1379702 A 20010917; CN 01815993 A 20010917; DE 50115232 T 20010917; EP 01982106 A 20010917; EP 03018192 A 20010917; EP 03018193 A 20010917; EP 03018195 A 20010917; JP 2002528497 A 20010917; US 38017403 A 20030319