

Title (en)
A PRINT ENGINE INCLUDING AN AIR PUMP

Title (de)
DRUCKMASCHINE MIT LUFTPUMPE

Title (fr)
IMPRIMANTE POURVUE D'UNE POMPE A AIR

Publication
EP 1301349 B1 20070801 (EN)

Application
EP 00938318 A 20000630

Priority
AU 0000745 W 20000630

Abstract (en)
[origin: WO0202345A1] A pump assembly for a print engine, where the print engine has a printhead (590) employing a fluid cleaning arrangement such as filtered air, includes a housing defining a fluid inlet (526) and a fluid outlet (528). An impeller (522) is arranged within the housing for drawing fluid through the inlet and ejecting it through the outlet. A drive motor (530) rotatably drives the impeller. The drive motor is also the drive motor of the print engine, which controls feeding of print media (504) to the printhead for printing of an image on the print media.

IPC 8 full level
B41J 2/165 (2006.01); **B41J 2/01** (2006.01); **B41J 3/44** (2006.01); **B41J 23/02** (2006.01); **B41J 29/17** (2006.01); **B41J 29/38** (2006.01)

IPC 8 main group level
B41J (2006.01)

CPC (source: EP)
B41J 2/16552 (2013.01); **B41J 23/025** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0202345 A1 20020110; AT E368576 T1 20070815; AU 2000253735 A1 20020411; AU 2000253735 B2 20040422; AU 5373500 A 20020114; CN 100349743 C 20071121; CN 1196588 C 20050413; CN 1454152 A 20031105; CN 1631677 A 20050629; DE 60035806 D1 20070913; EP 1301349 A1 20030416; EP 1301349 A4 20040929; EP 1301349 B1 20070801; IL 153722 A0 20030706; IL 153722 A 20050619; IL 166721 A0 20060115; IL 166721 A 20070515; JP 2004504971 A 20040219; JP 4426755 B2 20100303; SG 149678 A1 20090227; ZA 200210186 B 20030827

DOCDB simple family (application)
AU 0000745 W 20000630; AT 00938318 T 20000630; AU 2000253735 A 20000630; AU 5373500 A 20000630; CN 00819702 A 20000630; CN 200510000227 A 20000630; DE 60035806 T 20000630; EP 00938318 A 20000630; IL 15372200 A 20000630; IL 16672105 A 20050207; JP 2002518143 A 20000630; SG 2004071361 A 20000630; ZA 200210186 A 20021217