Title (en)
  A PRINT HEAD ASSEMBLY FOR A MODULAR COMMERCIAL PRINTER

Title (de)
  DRUCKKOPFANORDNUNG FÜR EINEN KOMMERZIELLEN MODUALREN DRUCKER

Title (fr)
  ENSEMBLE TETE D'IMPRESSION POUR IMPRIMANTE COMMERCIALE MODULAIRE

Publication
  EP 1317339 A4 20050112 (EN)

Application
  EP 00962091 A 20000913

Priority
  AU 0001091 W 20000913

Abstract (en)
  [origin: CN1505565A] A print head assembly (56) for a line printer includes at least one print head (104/106) moulding which supports an elongate print head chip (112) for page width printing. The molding defines at least one ink gallery (136) for supplying ink to the chip (112) and at least that portion of the moulding carrying the chip (112) being arcuate, when viewed end-on, to define a receiving zone. A print media feeder (76, 78) is arranged adjacent the molding so that a portion of the print media feeder nests in the receiving zone such that the print head chip (112) lies between the rollers of the feeder so they are in closer proximity to the nip of the rollers. The embodiment shown has four mouldings printing twelve colours or inks on each side of the page or web.

IPC 1-7
  B41J 2/155

IPC 8 full level
  B41J 2/01 (2006.01); **B41J 2/155** (2006.01)

IPC 8 main group level
  B41J (2006.01)

CPC (source: EP KR)
  B41J 2/155 (2013.01 - EP KR); **B41J 2/1637** (2013.01 - KR); **B41J 2/175** (2013.01 - EP KR); **B41J 13/076** (2013.01 - EP);
  B41J 2002/14362 (2013.01 - EP KR)

Citation (search report)
  • [A] EP 0620117 A2 19941019 - HEWLETT PACKARD CO [US]
  • [A] DE 4033816 A1 19910502 - MESSMANN JOSEF FA [DE]
  • See references of WO 0222365A1

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)
  AT E365637 T1 20070715; AU 2000273952 B2 20050526; AU 2005203475 A1 20050825; AU 2005203475 B2 20060928;
  CN 1214923 C 20050817; CN 1505565 A 20040616; DE 60035371 D1 20070809; EP 1317339 A1 20030611; EP 1317339 A4 20050112;
  EP 1317339 B1 20070627; IL 154337 A0 20030917; JP 2004517761 A 20040617; JP 4426759 B2 20100303; KR 100714802 B1 20070507;
  KR 20030027084 A 20030403; ZA 200301059 B 20031029

DOCDB simple family (application)
  AT 00962091 T 20000913; AU 2000273952 A 20000913; AU 2005203475 A 20050805; CN 00819803 A 20000913; DE 60035371 T 20000913;
  EP 00962091 A 20000913; IL 15433700 A 20000913; JP 2002561456 A 20000913; KR 20037002785 A 20030226; ZA 200301059 A 20030207