

Title (en)

AN INK SUPPLY ASSEMBLY FOR A PRINT ENGINE

Title (de)

TINTENVERSORGUNGSEINHEIT FÜR EINEN DRUCKER

Title (fr)

ENSEMBLE D'ALIMENTATION EN ENCRE POUR UNE IMPRIMANTE

Publication

EP 1303415 A1 20030423 (EN)

Application

EP 00938317 A 20000630

Priority

AU 0000744 W 20000630

Abstract (en)

[origin: WO0202335A1] This invention relates to an ink supply arrangement for a printhead of an print engine. The printhead comprises an array of MEMS ink ejection devices mounted on a surface of a wafer and an ink supply passage extending through the wafer from an opposed surface of the wafer to each ink ejection device. The ink ejection devices are arranged in groups. Accordingly, the ink supply arrangement includes a block of material mountable on the opposed surface of the wafer. The block has a plurality of channels defined therein which open out into a first surface of the block in abutment with the opposed surface of the wafer. Ink supply inlet openings are in communication with each channel. These inlet openings open out into a second surface of the block.

IPC 1-7

B41J 2/175; **B41J 2/155**; **B41J 2/14**

IPC 8 full level

B41J 2/14 (2006.01); **B41J 2/155** (2006.01); **B41J 2/175** (2006.01); **B41J 3/44** (2006.01); **B42C 9/00** (2006.01)

CPC (source: EP)

B41J 2/175 (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 0202335 A1 20020110; AT E446842 T1 20091115; AU 2000253734 A1 20020411; AU 2000253734 B2 20040429; AU 2004203190 A1 20040812; AU 2004203190 B2 20050728; AU 5373400 A 20020114; CN 100377882 C 20080402; CN 1208196 C 20050629; CN 1454154 A 20031105; CN 1676339 A 20051005; DE 60043240 D1 20091210; EP 1303415 A1 20030423; EP 1303415 A4 20050525; EP 1303415 B1 20091028; IL 166875 A 20070724; JP 2004504969 A 20040219

DOCDB simple family (application)

AU 0000744 W 20000630; AT 00938317 T 20000630; AU 2000253734 A 20000630; AU 2004203190 A 20040715; AU 5373400 A 20000630; CN 00819701 A 20000630; CN 200510064548 A 20000630; DE 60043240 T 20000630; EP 00938317 A 20000630; IL 16687505 A 20050214; JP 2002518141 A 20000630