

Title (en)

Ink guide assembly and ink tank for a dot matrix printer head.

Title (de)

Einrichtung zur Tintenführung und Tintenbehälter für einen Punktmatrixdruckkopf.

Title (fr)

Dispositif de guidage d'encre et réservoir d'encre pour tête d'impression à matrice de points.

Publication

EP 0615848 A1 19940921 (EN)

Application

EP 94101088 A 19841009

Priority

- EP 90201876 A 19841009
- EP 84306887 A 19841009
- JP 10284184 A 19840522
- JP 10284384 A 19840522

Abstract (en)

An ink guide assembly and ink tank for a dot matrix printer head, especially a wire dot matrix printer head, comprises at least one ink supply tank (2") having an ink supply port (41) which is arranged to receive ink and transmit ink via the ink guide assembly to printing means. An arm (12"d) of an ink supply guide (12) is disposed in said ink supply port (41) and extends into said ink supply tank. The arm is formed with an opening at at least the distal end thereof and with a passage extending longitudinally therealong from said opening along the length of said arm for conducting ink from said opening toward said printing means by at least capillary force.

IPC 1-7

B41J 2/255; B41J 2/305

IPC 8 full level

B41J 2/175 (2006.01); **B41J 2/255** (2006.01); **B41J 2/305** (2006.01); **B41J 27/20** (2006.01)

CPC (source: EP)

B41J 2/17513 (2013.01); **B41J 2/255** (2013.01); **B41J 2/305** (2013.01)

Citation (search report)

- [E] EP 0139508 A2 19850502 - EPSON CORP [JP]
- [A] US 4279519 A 19810721 - SHIURILA JOHN
- [A] US 4400102 A 19830823 - SHIURILA JOHN [US], et al
- [DA] EP 0042293 A2 19811223 - EPSON CORP [JP], et al
- [DA] DE 2546835 A1 19770428 - PHILIPS PATENTVERWALTUNG
- [E] PATENT ABSTRACTS OF JAPAN vol. 10, no. 40 (M - 454)<2097> 18 February 1986 (1986-02-18)

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0398453 A2 19901122; EP 0398453 A3 19901219; EP 0398453 B1 19940817; DE 3486334 C5 20060126; DE 3486334 D1 19940915; DE 3486334 T2 19950216; DE 3486335 D1 19940915; DE 3486335 T2 19950216; DE 3486337 D1 19940922; DE 3486337 T2 19950216; DE 3486480 D1 20010419; DE 3486480 T2 20011108; DE 3486481 D1 20010419; DE 3486481 T2 20011108; DE 3486482 D1 20010419; DE 3486482 T2 20011108; DE 3486483 D1 20010419; DE 3486483 T2 20011108; DE 3486485 D1 20010419; DE 3486485 T2 20011108; DE 3486487 D1 20010419; DE 3486487 T2 20011108; EP 0406982 A2 19910109; EP 0406982 A3 19910116; EP 0406982 B1 19940810; EP 0406983 A2 19910109; EP 0406983 A3 19910116; EP 0406983 B1 19940810; EP 0605386 A2 19940706; EP 0605386 A3 19940727; EP 0605386 B1 20010314; EP 0605387 A2 19940706; EP 0605387 A3 19940803; EP 0605387 B1 20010314; EP 0605388 A2 19940706; EP 0605388 A3 19940727; EP 0605388 B1 20010314; EP 0605389 A2 19940706; EP 0605389 A3 19940727; EP 0605389 B1 20010314; EP 0614761 A1 19940914; EP 0614761 B1 20010314; EP 0615848 A1 19940921; EP 0615848 B1 20010314; EP 0749839 A2 19961227; EP 0749839 A3 19970326; HK 73295 A 19950519; HK 73395 A 19950519; HK 73495 A 19950519; SG 26403 G 19950901; SG 26404 G 19950901; SG 26412 G 19950901; SG 46589 A1 19980220; SG 52578 A1 19980928; SG 54266 A1 19981116; SG 64344 A1 19990427

DOCDB simple family (application)

EP 90201876 A 19841009; DE 3486334 T 19841009; DE 3486335 T 19841009; DE 3486337 T 19841009; DE 3486480 T 19841009; DE 3486481 T 19841009; DE 3486482 T 19841009; DE 3486483 T 19841009; DE 3486485 T 19841009; DE 3486487 T 19841009; EP 90201873 A 19841009; EP 90201874 A 19841009; EP 94101074 A 19841009; EP 94101081 A 19841009; EP 94101082 A 19841009; EP 94101083 A 19841009; EP 94101088 A 19841009; EP 94101089 A 19841009; EP 96115079 A 19841009; HK 73295 A 19950511; HK 73395 A 19950511; HK 73495 A 19950511; SG 1995906830 A 19841009; SG 1995906848 A 19841009; SG 1995907218 A 19841009; SG 1996006312 A 19841009; SG 1996006337 A 19841009; SG 1996006357 A 19841009; SG 1996006751 A 19841009