

Title (en)  
Inkjet printer.

Title (de)  
Tintenstrahldrucker.

Title (fr)  
Imprimante à jet d'encre.

Publication  
**EP 0659568 A3 19970709 (EN)**

Application  
**EP 94120468 A 19941222**

Priority  

- JP 33332893 A 19931227
- JP 22974594 A 19940926

Abstract (en)  
[origin: EP0659568A2] An inkjet printer comprises a printer unit (10) and a paper feed unit (50). Printer unit (10) is provided with the following: a carriage (12), an inkjet cartridge (11) mounted on the carriage and having an inkjet head (11a), that performs printing by ejecting ink towards a print medium; and a drive mechanisms (15, 16, 17, ...) for reciprocating carriage (12). The carriage and the drive mechanism are located either at the rear of or below inkjet head (11a). Paper feed unit (50) is provided with a mechanism for feeding the recording paper and is secured onto the recording head side of printer unit (10) on a detachable basis. The inkjet printer is capable of easily printing various print patterns on various recording materials, such as slip printing, in addition to normal printing which is performed by feeding a recording material that is relatively soft.  
<IMAGE>

IPC 1-7  
**B41J 3/28**

IPC 8 full level  
**B41J 3/36** (2006.01); **B41J 13/10** (2006.01)

CPC (source: EP)  
**B41J 3/36** (2013.01); **B41J 13/103** (2013.01)

Citation (search report)  

- [XY] EP 0537679 A2 19930421 - SEIKO EPSON CORP [JP]
- [A] US 5129646 A 19920714 - MIYAKAWA AKIRA [JP]
- [A] EP 0418793 A1 19910327 - CANON KK [JP]
- [A] US 5063451 A 19911105 - YANAGISAWA RYOZO [JP], et al
- [Y] GB 2141669 A 19850103 - CANON KK
- [A] EP 0424968 A2 19910502 - CANON KK [JP]
- [Y] US 4671686 A 19870609 - HOWES JAMES K [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 16, no. 578 (M - 1346) 17 December 1992 (1992-12-17)
- [A] "Automatic paper feed presence detection", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 31, no. 7, pages 299 - 300, XP002003059
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 243 (P - 392) 30 September 1985 (1985-09-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 097 (M - 134) 5 June 1982 (1982-06-05)
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 111 (E - 175) 14 May 1983 (1983-05-14)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 055 (M - 1550) 28 January 1994 (1994-01-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 080 (M - 129) 19 May 1982 (1982-05-19)
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 335 (M - 1000) 19 July 1990 (1990-07-19)

Cited by  
SG82608A1; EP0950528A3; EP0782095A2; US6471428B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0659568 A2 19950628; EP 0659568 A3 19970709; EP 0659568 B1 20000705**; DE 69425121 D1 20000810; DE 69425121 T2 20010322

DOCDB simple family (application)  
**EP 94120468 A 19941222**; DE 69425121 T 19941222