

Title (en)

Ribbon cassette with integral paper guide.

Title (de)

Farbbandkassette mit integrierter Papierführung.

Title (fr)

Cassette à ruban avec guide-papier intégré.

Publication

**EP 0437036 A1 19910717 (EN)**

Application

**EP 90312989 A 19901129**

Priority

US 46450990 A 19900112

Abstract (en)

An improved dual purpose print ribbon cartridge (10) for use with a typewriter or printer having upper and lower walls joined by side walls one of which is a front sidewall. The cartridge being provided with ribbon exit and entrance ports at opposite ends of one of the front sidewalls for movement of said ribbon along and spaced from said front sidewall. The upper wall (12) being formed with an upwardly directed extension (22a,b) for guiding the paper, after printing, in an upwardly direction. <IMAGE>

IPC 1-7

**B41J 13/14**; **B41J 32/00**

IPC 8 full level

**B41J 13/14** (2006.01); **B41J 32/00** (2006.01); **B41J 35/00** (2006.01)

CPC (source: EP KR)

**B41J 13/14** (2013.01 - EP); **B41J 32/00** (2013.01 - EP KR)

Citation (search report)

- [A] GB 2009708 A 19790620 - NCR CO
- [A] US 4325645 A 19820420 - MIYAJIMA MIKIO, et al
- [A] US 4768894 A 19880906 - SUZAKI MASAFUMI [JP], et al
- [A] EP 0084630 A1 19830803 - IBM [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 10, no. 336 (M-535)(2392) 14 November 1986, & JP-A-61 139476 (CANON) 26 June 1986,

Designated contracting state (EPC)

CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0437036 A1 19910717**; CA 2031152 A1 19910713; JP H04270678 A 19920928; KR 910014239 A 19910831; MX 173158 B 19940202; NO 905335 D0 19901210; NO 905335 L 19910715; PT 96466 A 19911015

DOCDB simple family (application)

**EP 90312989 A 19901129**; CA 2031152 A 19901129; JP 41479290 A 19901227; KR 900020522 A 19901213; MX 2410691 A 19910109; NO 905335 A 19901210; PT 9646691 A 19910111