

Title (en)

Ink jet printer with device for avoiding undesirable belt movement

Title (de)

Tintenstrahldrucker mit einer Einrichtung zur Vermeidung unerwünschter Riemenbewegungen

Title (fr)

Imprimante à jet d'encre munie d'un dispositif destiné à éviter les mouvements de courroie indésirables

Publication

**EP 1164027 A3 20030813 (EN)**

Application

**EP 01000014 A 20010213**

Priority

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- EP 00200622 A 20000223

Abstract (en)

[origin: EP1164027A2] An ink jet printer wherein a belt (14) transports an image receiving member (20) past a printhead (11) is equipped with guiding means (18) for creating a bulge, d, in said belt (14), extending towards said ink ejecting means (11), thus keeping the "throw distance" constant and/or with rollers (13, 15) for moving the belt (14), one of the rollers having a flange (13b) and being positioned so as to force the belt againts the flange. <IMAGE>

IPC 1-7

**B41J 11/00; B41J 13/08**

IPC 8 full level

**B41J 3/54** (2006.01); **B41J 2/01** (2006.01); **B41J 3/60** (2006.01); **B41J 11/00** (2006.01); **B41J 13/00** (2006.01); **B41J 13/08** (2006.01);  
**B41J 29/02** (2006.01); **B65H 5/02** (2006.01)

CPC (source: EP US)

**B41J 3/60** (2013.01 - EP US); **B41J 11/007** (2013.01 - EP); **B41J 29/023** (2013.01 - EP)

Citation (search report)

- [XY] EP 0705707 A1 19960410 - CANON KK [JP]
- [X] US 5966145 A 19991012 - MIURA YASUSHI [JP], et al
- [X] EP 0294946 A1 19881214 - MITSUBISHI ELECTRIC CORP [JP]
- [X] EP 0535914 A2 19930407 - CANON KK [JP]
- [A] US 5992994 A 19991130 - RASMUSSEN STEVE O [US], et al
- [XY] NL 8700593 A 19881003 - RAPISTAN VAN DER LANDE BV
- [X] EP 0659667 A1 19950628 - CANON KK [JP]
- [X] NL 8303239 A 19850416 - RAPISTAN VAN DER LANDE BV
- [A] US 3491964 A 19700127 - WARRINGTON CLIFFORD

Cited by

NL2032611B1; US7118103B2

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EP 1780028 B1 20080604

DOCDB simple family (application)

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