

Title (en)

FEED MECHANISM FOR MAINTAINING CONSTANT WEB TENSION IN A WIDE FORMAT PRINTER

Title (de)

ZUFÜHRMECHANISMUS ZUM KONSTANTHALTEN DER BAHNSPANNUNG IN EINEM DRUCKER FÜR SEITENBREITES FORMAT

Title (fr)

MÉCANISME D AVANCE DESTINÉ À MAINTENIR UNE TENSION DE BANDE CONSTANTE DANS UNE IMPRIMANTE À GRAND FORMAT

Publication

EP 1924443 A1 20080528 (EN)

Application

EP 05778986 A 20050912

Priority

AU 2005001377 W 20050912

Abstract (en)

[origin: WO2007030854A1] Feed mechanism for wide format printer (1), feed mechanism comprising: supply spool (4); take-up spool (5); take-up motor (14) operatively connected to take-up spool; take-up control system for controlling torque of take-up motor (27); drive roller system (107) positioned between supply spool and take-up spool; drive motor operatively connected to drive roller system wherein, in use, a web (24) fed from the drive roller system to the take-up spool is maintained under substantially constant tension by regulating the torque of the take-up motor using the take-up control system.

IPC 8 full level

B41J 11/00 (2006.01); **B41J 15/04** (2006.01); **B41J 15/16** (2006.01); **B65H 18/08** (2006.01)

CPC (source: EP)

B41J 11/001 (2013.01); **B41J 15/04** (2013.01); **B41J 15/165** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007030854 A1 20070322; AT E473110 T1 20100715; AU 2005336512 A1 20070322; AU 2005336512 B2 20100826; DE 602005022236 D1 20100819; EP 1924443 A1 20080528; EP 1924443 A4 20081203; EP 1924443 B1 20100707; JP 2009507681 A 20090226

DOCDB simple family (application)

AU 2005001377 W 20050912; AT 05778986 T 20050912; AU 2005336512 A 20050912; DE 602005022236 T 20050912; EP 05778986 A 20050912; JP 2008530271 A 20050912