

Title (en)

Recording medium carrier device and ink-jet recording apparatus

Title (de)

Aufzeichnungsmedium-Trägervorrichtung und Tintenstrahlaufzeichnungsvorrichtung

Title (fr)

Dispositif de transport de support d'enregistrement et appareil d'enregistrement à jet d'encre

Publication

**EP 2551121 A1 20130130 (EN)**

Application

**EP 12176944 A 20120718**

Priority

- JP 2011167392 A 20110729
- JP 2011167398 A 20110729
- JP 2011167401 A 20110729

Abstract (en)

A recording medium carrier device (2) includes: an endless belt (21); a plurality of carrier rollers (23, 24, 25) for revolving the belt; a detection section (7) for detecting its own displacement amount in a pathway along the belt (21); a calculation section (8) for calculating carried distance of a recording medium based on a detection result of the detection section (7); and a controller (8). The detection section includes: a base (72); a scale section (74); a sensor (75); a switching section (76); and a driver (77) including: a drive source (771); a transmission mechanism (772) for transmitting power of the drive source (771) to the scale section (74); and a release section (773) for releasing power transmission between the drive source (771) and the transmission mechanism (772). The release section (773) releases the power transmission between the drive source (771) and the transmission mechanism (772) when the switching section (76) engages the belt (21) and the scale section (74), and stops the release when the switching (76) section disengages the belt (21) and the scale section (74).

IPC 8 full level

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CPC (source: EP)

**B41J 11/007** (2013.01); **B41J 11/0095** (2013.01); **B41J 11/42** (2013.01)

Citation (applicant)

JP 4449924 B2 20100414

Citation (search report)

- [A] JP 2003165250 A 20030610 - COPYER CO
- [A] US 2006221164 A1 20061005 - NAKASHIMA ATSUHISA [JP]
- [AD] JP 4449924 B2 20100414
- [A] JP 2010195553 A 20100909 - SEIKO EPSON CORP

Cited by

CN104723696A; JP2018062084A; EP3944963A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2551121 A1 20130130; EP 2551121 B1 20150121**; CN 102896914 A 20130130; CN 102896914 B 20150325

DOCDB simple family (application)

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