

Title (en)

LIQUID DISCHARGE APPARATUS AND IMAGE FORMING APPARATUS

Title (de)

FLÜSSIGKEITSAUSSTOSSVORRICHTUNG UND BILDERZEUGUNGSVORRICHTUNG

Title (fr)

APPAREIL D'ÉJECTION DE LIQUIDE ET APPAREIL DE FORMATION D'IMAGES

Publication

**EP 3705303 A1 20200909 (EN)**

Application

**EP 20155017 A 20200131**

Priority

JP 2019040842 A 20190306

Abstract (en)

A liquid discharge apparatus includes a rotating member (21) that conveys a sheet material (P) by holding the sheet material on a peripheral surface of the rotating member, a liquid discharge device (23A to 23F) that discharges liquid on the sheet material, a sheet material position detecting unit (220) that detects a position of the sheet material, a first signal output unit (201) that outputs a first signal in accordance with a rotation amount of the rotating member, a second signal output unit that outputs a second signal that is correlated with a movement amount of the sheet material on the peripheral surface of the rotating member, a correction data storage unit that stores correction data, which corrects the second signal, obtained based on the first signal and the second signal, and a discharge timing generating unit that generates a discharge timing of the liquid discharge device based on the second signal and the correction data.

IPC 8 full level

**B41J 13/22** (2006.01); **B41J 11/00** (2006.01); **B41J 11/46** (2006.01); **B41J 15/04** (2006.01)

CPC (source: EP)

**B41J 11/008** (2013.01); **B41J 11/0095** (2013.01); **B41J 11/46** (2013.01); **B41J 13/226** (2013.01); **B41J 15/04** (2013.01); **B41J 2025/008** (2013.01)

Citation (applicant)

JP 2016074101 A 20160512 - SEIKO EPSON CORP

Citation (search report)

- [A] JP 2012162051 A 20120830 - SEIKO EPSON CORP
- [AD] JP 2016074101 A 20160512 - SEIKO EPSON CORP

Cited by

US11173710B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 20155017 A 20200131**; JP 2019040842 A 20190306