Title (en)

LIQUID SUPPLY DEVICE, LIQUID DISCHARGE APPARATUS, AND LIQUID SUPPLY METHOD

Title (de)

FLÜSSIGKEITSVERSORGUNGSVORRICHTUNG, FLÜSSIGKEITSAUSSTOSSVORRICHTUNG UND FLÜSSIGKEITSVERSORGUNGSVERFAHREN

Title (fr)

DISPOSITIF D'ALIMENTATION EN LIQUIDE, APPAREIL DE DÉCHARGE DE LIQUIDE ET PROCÉDÉ D'ALIMENTATION EN LIQUIDE

Publication

EP 4079525 A1 20221026 (EN)

Application

EP 22168785 A 20220419

Priority

JP 2021072900 A 20210422

Abstract (en)

A liquid supply device (2, 2a, 2b) includes a channel (21), a movable portion (22), and a controller (100). Liquid is to be fed through the channel (21). The movable portion (22) moves to feed the liquid. The controller (100) controls the movable portion. The controller (100) controls at least one of a moving speed and a moving time of the movable portion (22) in accordance with a liquid feed amount of the liquid fed through the channel (21) such that the liquid feed amount increases.

IPC 8 full level

B41J 2/175 (2006.01); **B41J 2/19** (2006.01)

CPC (source: EP)

B41J 2/175 (2013.01); **B41J 2/17566** (2013.01); **B41J 2/17596** (2013.01); **B41J 2/19** (2013.01)

Citation (applicant)

JP 2012030492 A 20120216 - BROTHER IND LTD

Citation (search report)

- [X] EP 2605912 A1 20130626 - RICOH CO LTD [JP]
- [X] EP 2544898 A1 20130116 - RICOH CO LTD [JP]
- [X] US 2020070524 A1 20200305 - NODA HIROSHI [JP], et al
- [X] US 2012024395 A1 20120202 - FURUKAWA KOJI [JP], et al
- [A] EP 2236299 A1 20101006 - RICOH KK [JP]
- [A] US 2013321501 A1 20131205 - IGARASHI MASANORI [JP]
- [A] US 2010321426 A1 20101223 - SUZUKI KAZUKI [JP], et al

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 22168785 A 20220419; JP 2021072900 A 20210422