

Title (en)
LIQUID DISCHARGE DEVICE, LIQUID DISCHARGE METHOD, AND LIQUID DISCHARGE DEVICE FOR BATTERY MEMBER

Title (de)
FLÜSSIGKEITSAUSSTOSSVORRICHTUNG, FLÜSSIGKEITSAUSSTOSSVERFAHREN UND FLÜSSIGKEITSAUSSTOSSVORRICHTUNG FÜR EIN BATTERIEELEMENT

Title (fr)
DISPOSITIF DE DÉCHARGE DE LIQUIDE, APPAREIL DE DÉCHARGE DE LIQUIDE ET DISPOSITIF DE DÉCHARGE DE LIQUIDE POUR UN ÉLÉMENT DE BATTERIE

Publication
EP 4043219 B1 20240710 (EN)

Application
EP 22153685 A 20220127

Priority
JP 2021021104 A 20210212

Abstract (en)
[origin: EP4043219A1] A liquid discharge device (100) for discharging and applying liquid to a target discharging medium (2) conveyed in a predetermined conveying direction (20) to form a discharged region, includes a plurality of liquid discharge units (30, 30a, 30b, 30c, 30d) configured to discharge the liquid based on a drive waveform (33, 34); an output unit (74) configured to output the drive waveform to the liquid discharge unit; an acquisition unit (71) configured to acquire information representing a characteristic of the liquid; and a switching unit (75) configured to switch the drive waveform based on the characteristic. The plurality of liquid discharge units includes first and second liquid discharge units (30a, 30b), disposed at position separated from each other in the conveying direction. When the characteristic satisfies a predetermined condition, positions at which the liquid is applied by the first and second liquid discharge units on the target discharging medium are separated from each other in the conveying direction.

IPC 8 full level
B41J 2/045 (2006.01); **B41J 2/155** (2006.01); **B41J 2/165** (2006.01); **B41J 2/21** (2006.01); **H10K 99/00** (2023.01)

CPC (source: CN EP KR)
B05B 12/10 (2013.01 - CN); **B05B 13/0221** (2013.01 - CN); **B05B 13/0278** (2013.01 - CN); **B05B 16/20** (2018.02 - CN); **B05D 1/02** (2013.01 - CN); **B41J 2/0454** (2013.01 - KR); **B41J 2/04541** (2013.01 - KR); **B41J 2/04581** (2013.01 - EP); **B41J 2/04588** (2013.01 - EP KR); **B41J 2/07** (2013.01 - KR); **B41J 2/155** (2013.01 - EP); **B41J 2/2146** (2013.01 - EP); **B41J 3/543** (2013.01 - KR); **B41J 2002/14475** (2013.01 - KR)

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

DOCDB simple family (publication)
EP 4043219 A1 20220817; **EP 4043219 B1 20240710**; CN 114918081 A 20220819; CN 114918081 B 20240816; JP 2022123657 A 20220824; KR 20220115872 A 20220819

DOCDB simple family (application)
EP 22153685 A 20220127; CN 202210127675 A 20220211; JP 2021021104 A 20210212; KR 20220016172 A 20220208