

Title (en)

DROPLET EJECTING DEVICE AND METHOD FOR MAINTAINING DROPLET EJECTING DEVICE

Title (de)

TRÖPFCHENAUSGABEVORRICHTUNG UND -VERFAHREN ZUR AUFRECHTERHALTUNG EINER TRÖPFCHENAUSGABEVORRICHTUNG

Title (fr)

DISPOSITIF D'ÉJECTION DE GOUTTELETTES ET SON PROCÉDÉ D'ENTRETIEN

Publication

EP 3446878 A4 20190410 (EN)

Application

EP 17785705 A 20170315

Priority

- JP 2016082831 A 20160418
- JP 2017010311 W 20170315

Abstract (en)

[origin: EP3446878A1] Provided are a droplet ejecting device and a maintenance method therefor, with which pressurized maintenance is selectively performed on some ejection heads while the meniscus surface of ink is appropriately maintained in an easy and simple manner. This inkjet recording device is provided with: a plurality of inkjet heads (211); a liquid-feeding shared flow channel (256) and individual flow channels (257) for guiding ink into each of the inkjet heads (211); individual supply valves (258) for switching the respective individual flow channels (257) between open and closed states; a liquid-feeding pump (253) for pressure-feeding ink to the inkjet heads (211); and a control unit (40) for opening some of the individual supply valves (258) and pressure-feeding ink into the inkjet heads (211) that correspond thereto, and subsequently opening all of the individual supply valves (258) and pressure-feeding ink into all of the inkjet heads (211).

IPC 8 full level

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CPC (source: EP)

B41J 2/155 (2013.01); **B41J 2/165** (2013.01); **B41J 2/175** (2013.01); **B41J 2/17596** (2013.01); **B41J 2/18** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (application)

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