

Title (en)

LIQUID EJECTION DEVICE AND IMAGE FORMING DEVICE

Title (de)

FLÜSSIGKEITSAUSSTOSSVORRICHTUNG UND BILDERZEUGUNGSVORRICHTUNG

Title (fr)

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

Publication

EP 3650225 A1 20200513 (EN)

Application

EP 19193115 A 20190822

Priority

- JP 2018159765 A 20180828
- JP 2018214296 A 20181115

Abstract (en)

According to one embodiment, a liquid ejection device includes a nozzle plate in which nozzles for ejecting liquid are arranged, an actuator, a liquid supply unit, and a drive control unit. The actuator is provided in each of the nozzles. The liquid supply unit communicates with the nozzles. When one of a plurality of nozzles is given attention, the drive control unit gives drive signals to actuators of nozzles adjacent in an X direction and a Y direction, to drive the actuators at a timing shifted by a predetermined amount, such as half of a drive period, from a timing of an actuator of the nozzle given attention.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [IY] EP 3354461 A1 20180801 - TOSHIBA TEC KK [JP]
- [Y] EP 2168769 A1 20100331 - FUJIFILM CORP [JP]
- [A] US 2007200885 A1 20070830 - HIBI MANABU [JP]
- [A] JP 2010194801 A 20100909 - SHARP KK

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)

EP 3650225 A1 20200513; **EP 3650225 B1 20210922**; JP 2020032712 A 20200305; JP 7188986 B2 20221213

DOCDB simple family (application)

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