

Title (en)  
LIQUID DISCHARGE APPARATUS

Title (de)  
FLÜSSIGKEITSAUSGABEVORRICHTUNG

Title (fr)  
APPAREIL DE DÉCHARGE DE LIQUIDE

Publication  
**EP 3925779 A1 20211222 (EN)**

Application  
**EP 21178692 A 20210610**

Priority  
JP 2020106214 A 20200619

Abstract (en)  
A liquid discharge apparatus includes a liquid discharge head (100) configured to discharge a liquid, a first tank (111) connected to the liquid discharge head (100) through a head connection channel (114), a second tank (112) connected to the first tank (111), a first switch valve (131) configured to open and close the head connection channel (114), a liquid feeder (125) configured to feed the liquid from the second tank (112) to the first tank (111), a reverse feeder (126) configured to reversely feed the liquid from the first tank (111) to the second tank (112), and a controller (400) configured to close the first switch valve (131) and drive the liquid feeder (125), to perform a forward feeding operation, and close the first switch valve (131) and drive the reverse feeder (126), to perform a reverse feeding operation.

IPC 8 full level  
**B41J 2/175** (2006.01)

CPC (source: EP)  
**B41J 2/175** (2013.01)

Citation (applicant)  
JP 5811322 B2 20151111

Citation (search report)

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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 3925779 A1 20211222; EP 3925779 B1 20240103**; JP 2022001408 A 20220106; JP 7501141 B2 20240618

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**EP 21178692 A 20210610**; JP 2020106214 A 20200619