

Title (en)
INKJET RECORDING DEVICE

Title (de)
TINTENSTRAHLAUFZEICHNUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'IMPRESSION À JET D'ENCRE

Publication
EP 3385082 A4 20181219 (EN)

Application
EP 16870456 A 20161117

Priority
• JP 2015234881 A 20151201
• JP 2016084064 W 20161117

Abstract (en)
[origin: EP3385082A1] Provided is an inkjet recording device that can better stabilize the temperature of ink that is supplied to recording heads (22). The inkjet recording device comprises: a plurality of recording heads (22) that each have a nozzle that discharges ink and an ink flow path part that communicates with the nozzle; an ink storage part (31) that stores ink that is supplied to the plurality of recording heads (22); an ink-temperature adjustment means that adjusts the temperature of the ink stored in the ink storage part (31) to within a prescribed temperature range; an ink circulation path that passes through the ink storage part (31) and through a common ink flow path part (304a), which communicates with the ink flow path parts of the plurality of recording heads (22), and that circulates the ink stored in the ink storage part (31); a liquid delivery means (27) that performs a liquid delivery operation that makes the ink inside the ink circulation path flow in a prescribed liquid delivery direction and thereby makes the ink in the ink storage part (31) circulate through the ink circulation path; and a liquid delivery control means that makes the liquid delivery means perform the liquid delivery operation such that the temperature of the ink inside the ink circulation path approaches a prescribed target temperature that is within the prescribed temperature range.

IPC 8 full level
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CPC (source: EP)
B41J 2/01 (2013.01); **B41J 2/175** (2013.01); **B41J 2/18** (2013.01)

Citation (search report)
• [X] US 7770990 B2 20100810 - NAGASHIMA KANJI [JP]
• [X] US 2009195588 A1 20090806 - OGAMA TAKEO [JP]
• [X] US 8534785 B2 20130917 - ASAMI KEIICHI [JP]
• See references of WO 2017094518A1

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

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DOCDB simple family (application)
EP 16870456 A 20161117; JP 2016084064 W 20161117; JP 2017553766 A 20161117