

Title (en)  
INKJET HEAD AND INKJET RECORDING DEVICE

Title (de)  
TINTENSTRAHLKOPF UND TINTENSTRAHLAUFZEICHNUNGSVORRICHTUNG

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

Publication  
**EP 3848204 B1 20230823 (EN)**

Application  
**EP 18932811 A 20180907**

Priority  
JP 2018033162 W 20180907

Abstract (en)  
[origin: EP3848204A1] Provided are an inkjet head and an inkjet recording device with which it is possible to effectively suppress image quality reduction caused by the heat of a drive substrate. The inkjet head comprises: an ink discharge unit in which the opening of a nozzle that discharges ink is provided to an ink discharge surface, the ink discharge unit having an operation element that performs an operation for discharging ink from the opening of the nozzle; a drive substrate in which a drive circuit is provided for driving the operation element; and an ink tank in which ink supplied to the ink discharge unit is stored, the ink tank being provided in an aspect in which a prescribed surface of the outer surface of the ink tank is provided along the drive substrate, and the heat of the drive substrate is propagated to the prescribed surface.

IPC 8 full level  
**B41J 2/18** (2006.01); **B41J 2/14** (2006.01); **B41J 2/175** (2006.01); **B41J 29/377** (2006.01)

CPC (source: EP)  
**B41J 2/14233** (2013.01); **B41J 2/175** (2013.01); **B41J 2/18** (2013.01); **B41J 29/377** (2013.01); **B41J 2002/14362** (2013.01); **B41J 2002/14403** (2013.01); **B41J 2002/14491** (2013.01); **B41J 2202/12** (2013.01); **B41J 2202/18** (2013.01); **B41J 2202/20** (2013.01); **B41J 2202/21** (2013.01)

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 3848204 A1 20210714**; **EP 3848204 A4 20210825**; **EP 3848204 B1 20230823**; CN 112672884 A 20210416; CN 112672884 B 20220510; JP 7136213 B2 20220913; JP WO2020049710 A1 20210812; WO 2020049710 A1 20200312

DOCDB simple family (application)  
**EP 18932811 A 20180907**; CN 201880097341 A 20180907; JP 2018033162 W 20180907; JP 2020540964 A 20180907