

Title (en)
IMAGE FORMATION DEVICE

Title (de)
BILDERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE FORMATION D'IMAGE

Publication
EP 3098073 B1 20220126 (EN)

Application
EP 15739806 A 20150109

Priority
• JP 2014011356 A 20140124
• JP 2015050489 W 20150109

Abstract (en)
[origin: EP3098073A1] Provided is an image formation device that, using a simple configuration, is capable of more stable output of drive voltage in relation to load fluctuation following start of operation of a recording element. The image formation device comprises: a recording head having a plurality of recording elements arranged therein; a drive unit that supplies drive voltage to load elements in the recording elements on the basis of formed image data and causes each load element to operate; a voltage control unit that controls so as to suppress fluctuation in drive voltage supplied to the drive unit; a resistance element connected to the voltage control unit, provided corresponding to the load elements in the recording elements; a switching element that switches whether or not to supply drive voltage to the resistance element; and a load control unit that controls the switching element so as to supply drive voltage to the resistance element for at least some of the time that drive voltage is not supplied to any of the load elements in the recording elements, said time being before the supply start timing at which drive voltage is supplied to the load elements in the recording elements.

IPC 8 full level
B41J 2/045 (2006.01)

CPC (source: EP)
B41J 2/04548 (2013.01); **B41J 2/04568** (2013.01); **B41J 2/04581** (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 3098073 A1 20161130; **EP 3098073 A4 20170913**; **EP 3098073 B1 20220126**; JP WO2015111451 A1 20170323;
WO 2015111451 A1 20150730

DOCDB simple family (application)
EP 15739806 A 20150109; JP 2015050489 W 20150109; JP 2015558798 A 20150109