

Title (en)  
INKJET PRINTING APPARATUS AND CONTROL METHOD

Title (de)  
TINTENSTRAHLDRUCKVORRICHTUNG UND STEUERUNGSVERFAHREN

Title (fr)  
APPAREIL D'IMPRESSION À JET D'ENCRE ET PROCÉDÉ DE COMMANDE

Publication  
**EP 3263344 B1 20220601 (EN)**

Application  
**EP 17000985 A 20170609**

Priority

- JP 2016129086 A 20160629
- JP 2017094289 A 20170510

Abstract (en)  
[origin: EP3263344A1] An inkjet printing apparatus (1000) and its control method which can suppress defective ejection and wasteful ink consumption are provided. For that purpose, pigment density  $N_x$  of the ink in a circulation path is calculated, and the ink in the circulation path is discharged on the basis of the pigment density  $N_x$ .

IPC 8 full level  
**B41J 2/175** (2006.01); **B41J 2/18** (2006.01); **B41J 2/195** (2006.01)

CPC (source: EP KR US)  
**B41J 2/0456** (2013.01 - US); **B41J 2/04586** (2013.01 - US); **B41J 2/14024** (2013.01 - EP); **B41J 2/1404** (2013.01 - EP);  
**B41J 2/14072** (2013.01 - EP); **B41J 2/165** (2013.01 - KR); **B41J 2/175** (2013.01 - EP US); **B41J 2/17503** (2013.01 - KR);  
**B41J 2/17566** (2013.01 - EP US); **B41J 2/18** (2013.01 - EP US); **B41J 2/195** (2013.01 - EP US); **B41J 2202/12** (2013.01 - EP KR);  
**B41J 2202/20** (2013.01 - EP)

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 3263344 A1 20180103**; **EP 3263344 B1 20220601**; JP 2018008513 A 20180118; JP 6552545 B2 20190731; KR 102494276 B1 20230206;  
KR 20180002537 A 20180108; KR 20220024358 A 20220303

DOCDB simple family (application)  
**EP 17000985 A 20170609**; JP 2017094289 A 20170510; KR 20170082227 A 20170629; KR 20220018840 A 20220214