

Title (en)
INKJET RECORDING METHOD AND INKJET RECORDING DEVICE

Title (de)
TINTENSTRAHLAUFZEICHNUNGSVERFAHREN UND TINTENSTRAHLAUFZEICHNUNGSVORRICHTUNG

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

Publication
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Application
EP 21926573 A 20210219

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Abstract (en)
[origin: EP4227102A1] The present invention addresses the problem of providing an inkjet recording method and an inkjet recording device which can form an image with good glossiness and little ink bleeding. This inkjet recording method forms an image by applying an ink that includes a coloring material and a processing liquid that includes a coagulant, onto a recording medium surface with a liquid droplet ejection means, the method being characterized in that, in a region where the application amount of the ink is equal to or greater than a reference value, the application amount of the processing liquid is controlled so that the application amount of the processing liquid decreases in a region as the application amount of the ink is high, and, in an image contour peripheral region, the application amount of the processing liquid is controlled so as to increase the application amount of the processing liquid.

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Citation (search report)

- [Y] WO 2013050080 A1 20130411 - HEWLETT PACKARD DEVELOPMENT CO [US], et al
- [Y] JP 2005007590 A 20050113 - SEIKO EPSON CORP
- [A] US 2004032473 A1 20040219 - ISHIMOTO BUNJI [JP], et al
- [A] US 6435639 B1 20020820 - NAKAJIMA YOSHINORI [JP], et al
- [A] JP 5738613 B2 20150624
- [A] WO 2019199267 A1 20191017 - HEWLETT PACKARD DEVELOPMENT CO [US]
- [A] JP 2002321349 A 20021105 - CANON KK
- [A] JP H11334114 A 19991207 - CANON KK
- See references of WO 2022176140A1

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