Title (en)

Liquid ejection apparatus and inkjet head drive method

Title (de)

Flüssigkeitsausstoßvorrichtung und Tintenstrahlkopf-Antriebsverfahren

Title (fr)

Appareil d'éjection de liquide et procédé de commande pour tête à jet d'encre

Publication

EP 2639071 A1 20130918 (EN)

Application

EP 13159425 A 20130315

Priority

JP 2012060492 A 20120316

Abstract (en)

According to an aspect of the invention, in a liquid ejection recording apparatus (10) which includes an inkjet head (24; 24C, 24M, 24Y, 24K) provided with a liquid ejection surface (70D) having lyophilic properties with respect to a dryable liquid having a component that is volatile in air, the inkjet head being used in a state where the liquid ejection surface is covered with liquid, a non-ejection drive voltage (200, 210) which does not cause ejection of liquid from a nozzle is supplied to the pressurization device (80), so as to cause liquid inside the nozzle to vibrate and to overflow out onto the liquid ejection surface, as well as causing a flowing movement of liquid which covers the liquid ejection surface, whereby increase in the viscosity of the liquid due to drying is suppressed.

IPC 8 full level

B41J 2/155 (2006.01); **B41J 2/045** (2006.01); **B41J 2/14** (2006.01)

CPC (source: EP)

B41J 2/04581 (2013.01); **B41J 2/04588** (2013.01); **B41J 2/04596** (2013.01); **B41J 2/14233** (2013.01); **B41J 2/1433** (2013.01); **B41J 2/155** (2013.01)

Citation (applicant)

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Citation (search report)

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2639071 A1 20130918; **EP 2639071 B1 20151216**; CN 103302985 A 20130918; CN 103302985 B 20160309; JP 2013193264 A 20130930; JP 5599419 B2 20141001

DOCDB simple family (application)

EP 13159425 A 20130315; CN 201310082573 A 20130315; JP 2012060492 A 20120316