

Title (en)
INKJET RECORDING METHOD

Title (de)
TINTENSTRAHLAUFZEICHNUNGSVERFAHREN

Title (fr)
PROCÉDÉ D'ENREGISTREMENT À JET D'ENCRE

Publication
EP 3118000 A1 20170118 (EN)

Application
EP 15761762 A 20150313

Priority
• JP 2014052319 A 20140314
• JP 2015057543 W 20150313

Abstract (en)
Provided is an inkjet recording method in which a plurality of channels that communicate in a shared ink chamber are disposed in parallel, and a drive signal is imparted to each channel row in conjunction with a $nAL+t$ phase difference, wherein an ink with a surface tension of no more than 45mN/m is used. n is an integer of at least 1, AL represents $\frac{1}{2}$ of the acoustic resonance period of a pressure wave in the channels, and t represents a pressure wave transmission time determined by "the inter-nozzle distance between drive groups"/"the speed at which sound is transmitted in the ink."

IPC 8 full level
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CPC (source: EP)
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Cited by
US10611145B2; EP3501832A1; CN110001208A

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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

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EP 3118000 A1 20170118; **EP 3118000 A4 20171122**; **EP 3118000 B1 20181219**; JP 6406346 B2 20181017; JP WO2015137497 A1 20170406; PT 3118000 T 20190206; WO 2015137497 A1 20150917

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