

Title (en)
INKJET DYEING METHOD

Title (de)
TINTENSTRAHLFÄRBEVERFAHREN

Title (fr)
PROCÉDÉ DE COLORATION À JET D'ENCRE

Publication
EP 3037265 A1 20160629 (EN)

Application
EP 14837343 A 20140822

Priority
• JP 2013172330 A 20130822
• JP 2014004333 W 20140822

Abstract (en)
Provided is an inkjet dyeing method for recording on fiber by ejecting an ink containing a disperse dye from an inkjet head. The inkjet head has two or more rows in which are aligned pressure chambers for generating pressure to discharge internal ink from a nozzle using a pressure applying means operated by the imparting of a drive signal. The pressure chambers are connected to each other through a shared ink chamber. The rows in which the pressure chambers are arranged are divided into N drive groups (where N is an integer of 2 or greater), and a phase difference of $nAL + t$ is applied to drive signals applied to the pressure applying means of the pressure chambers in each drive group. n represents an integer of 1 or greater, AL represents 1/2 of an acoustic resonance period of a pressure wave in a pressure chamber, t represents a pressure wave transmission time period determined by dividing the distance between nozzles in a drive group by the speed at which sound propagates through the ink.

IPC 8 full level
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