

Title (en)  
FLUID EJECTION DEVICE WITH DATA SIGNAL LATCH CIRCUITRY

Title (de)  
FLUIDAUSSTOSSVORRICHTUNG MIT DATENSIGNAL-VERRIEGELUNGSSCHALTUNG

Title (fr)  
DISPOSITIF D'ÉJECTION DE FLUIDE AVEC DES CIRCUITS À VERROUILLAGE DE SIGNAL DE DONNÉES

Publication  
**EP 2089230 A2 20090819 (EN)**

Application  
**EP 06850210 A 20061130**

Priority  
US 2006061400 W 20061130

Abstract (en)  
[origin: WO2008066551A2] A fluid ejection device (22/40) includes a first fire line (110a-110n/214a-214f), a second fire line (110a-110n/214a-214f), data lines (108a-108m/208a-208h), latch circuitry (152,404/162/184,186), first drop generators (60), and second drop generators (60). The first fire line is adapted to conduct a first energy signal including first energy pulses and the second fire line is adapted to conduct a second energy signal including second energy pulses. The data lines are adapted to conduct data signals that represent an image and the latch circuitry is configured to latch the data signals to provide latched data signals based on at least one clock signal. The first drop generators are configured to respond to the first energy signal to eject fluid based on the latched data signals and the second drop generators are configured to respond to the second energy signal to eject fluid based on the latched data signals.

IPC 8 full level  
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**B41J 2/0458** (2013.01 - EP); **B41J 2/05** (2013.01 - KR); **B41J 2/07** (2013.01 - KR)

Citation (search report)  
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**WO 2008066551 A2 20080605; WO 2008066551 A3 20081030**; AU 2006351225 A1 20080605; AU 2006351225 B2 20121129;  
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HK 1136248 A1 20100625; JP 2010511530 A 20100415; JP 5586957 B2 20140910; KR 101274187 B1 20130614; KR 20090087065 A 20090814;  
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