

Title (en)

Creation and deflection ink drops of various sizes

Title (de)

Erzeugung und Ablenkung von Tintentropfen variabler Größe

Title (fr)

Production et déviation de gouttes de colorant de tailles variables

Publication

EP 2011656 B1 20091104 (DE)

Application

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Priority

DE 102007031659 A 20070706

Abstract (en)

[origin: EP2011656A1] The method involves crossing a sequence of sound pulses lateral to a propagation direction (100) on a coherent ink jet (9) and a portion of the ink jet is extracted on which the sound pulse influences from the coherent ink jet with each sound pulse, is developed. The original ink jet is interrupted and an ink jet is developed from the remaining portions in the original propagation direction, whose respective length is selectable by the temporal distance between two sound pulses subsequent to each other. An independent claim is also included for a device for producing deflection of ink drops of different size from a continuous ink jet.

IPC 8 full level

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CPC (source: EP US)

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