

Title (en)

METHOD AND TRANSDUCER FOR INCREASING THE RESOLUTION IN AN INK MOSAIC RECORDING DEVICE

Publication

EP 0142150 B1 19880511 (DE)

Application

EP 84113646 A 19841112

Priority

DE 3341401 A 19831115

Abstract (en)

[origin: US4566017A] A method and apparatus for increasing inking resolution with an ink-mosaic recording device. In order to increase the resolution simply and without additional transducers, each transducer is comprised of two contacted piezoelectric strips which are enclosed between plates. By means of differing voltage on the strips, the transducer bends in addition to a change in cross-section of the channel formed. Thus, it becomes possible to eject drops of fluid at different positions intermediate undeflected drop ejection positions.

IPC 1-7

B41J 3/04

IPC 8 full level

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CPC (source: EP US)

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Cited by

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