

Title (en)
PRINTING APPARATUS AND METHOD FOR CONTROLLING A PRINTING APPARATUS

Title (de)
DRUCKER UND VERFAHREN ZUR STEUERUNG EINES DRUCKERS

Title (fr)
IMPRIMANTE ET PROCÉDÉ DE COMMANDE D'UNE IMPRIMANTE

Publication
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Application
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Abstract (en)
The invention provides a printing apparatus and a printing method. The printing apparatus comprises a first print head comprising a number n of first nozzles for discharging ink to a substrate transported through the printing apparatus in a transport direction, wherein the first nozzles are indexed by an index $i=1\dots n$. It further comprises a second print head comprising an equal number n of second nozzles for discharging ink to the substrate, wherein the second nozzles are indexed by an index $j=1\dots n$. The second print head is arranged parallel to the first print head. A control unit is configured to control a first nozzle i and a second nozzle j to discharge ink on a substrate position (P) in a single pass. Herein the second print head is shifted in a parallel direction to the first print head such that $j = i + k$, wherein k is an integer unequal to zero.

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Citation (applicant)
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Citation (search report)

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