

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  
**EP 3666528 A1 20200617 (EN)**

Application  
**EP 18212648 A 20181214**

Priority  
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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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