

Title (en)  
INK JET PRINT HEAD

Title (de)  
TINTENSTRAHLDRUCKKOPF

Title (fr)  
TÊTE D'IMPRESSION À JET D'ENCRE

Publication  
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Application  
**EP 21712780 A 20210315**

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Abstract (en)  
[origin: WO2021190978A1] The invention relates to an ink jet print head for printing on a substrate, comprising: at least one nozzle, adapted to dispense at least one electrically conductive liquid droplet; and an outlet duct arranged on the nozzle, through which outlet duct the electrically conductive liquid droplet can be dispensed in the direction of the substrate to be printed on; wherein an accelerating means is provided on the outlet duct and is adapted to generate a current flow through the electrically conductive liquid droplet and to generate a magnetic field in order to accelerate the electrically conductive liquid droplet by means of a force in the outlet duct in the direction of the substrate to be printed on. The invention also relates to a printing apparatus and a method for printing on a substrate.

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