

Title (en)

DEVICE FOR SUPPLYING AT LEAST ONE PRINTHEAD WITH INK BY MEANS OF CIRCULATION

Title (de)

VORRICHTUNG ZUR ZIRKULIERENDEN VERSORGUNG WENIGSTENS EINES DRUCKKOPFS MIT TINTE

Title (fr)

DISPOSITIF D'ALIMENTATION CIRCULANT EN ENCRE D'AU MOINS UNE TÊTE D'IMPRESSION

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Application

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Abstract (en)

[origin: CN107215101A] The invention relates to a device for supplying at least one printhead with ink by by means of circulation. The device comprises a pump (14), a housing (2), a first chamber (5) which is configured in the housing and is provided with a first overflow part (5a) for the ink (4), and a second chamber (6) which is configured in the housing and is provided with a discharging part (6c) that is communicated with the pump. The device is characterized in that a third chamber (7) is configured in the housing; the third chamber (7) is separated from the second chamber by means of a housing inner wall (8) and the third chamber (7) is connected with the second chamber by means of a first channel (8) which is configured in the wall. The device according to the invention realizes a compact construction manner in an advantageous manner and is suitable for an inkjet printer on only a small space for a circulation type ink supplying system.

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