

Title (en)

PRINTING SYSTEM WITH AIR ACCUMULATION CONTROL MEANS ENABLING A SEMIPERMANENT PRINthead WITHOUT AIR PURGE

Title (de)

DRUCKSYSTEM MIT LUFTSPEICHERSTEUERUNG FUR HALB-PERMANENTEN DRUCKKOPF OHNE ENTLÜFTUNG

Title (fr)

SYSTEME D'IMPRESSION A MOYEN DE CONTROLE DE L'ACCUMULATION D'AIR PERMETTANT DE REALISER UNE TETE D'IMPRESSION SEMI-PERMANENTE SANS PURGE D'AIR

Publication

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Abstract (en)

[origin: WO9908876A1] Disclosed is an inkjet printing system (10) including a semipermanent printhead (12) having a fluid input for receiving ink and an injection portion for depositing ink in response to control signals. The printing system also includes a replaceable ink supply (14) configured for providing ink to the printhead that stores an ink volume. The printhead is capable of lasting throughout the life of a plurality of the ink volumes. The printing system includes a fluid accumulator portion in fluid communication with the printhead and replaceable ink supply. The fluid accumulator is adapted to accommodate the air introduced into the printhead during the usage of the ink supplies without purging air from the printhead.

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