Title (en)
SUPPLY SYSTEM FOR INKJET PRINTERS

Title (de)
VERSORGUNGSSYSTEM FÜR TINTENSTRAHLDRUCKER

Title (fr)
SYSTÈME D'ALIMENTATION POUR IMPRIMANTES À JET D'ENCRE

Publication
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Application
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Priority
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• IB 2013051559 W 20130227

Abstract (en)
[origin: WO2013150396A1] A supply system for an Inkjet printer of a type comprising at least one printing unit made up of one or more printing heads (1) with ink recirculation, each of which is equipped with one or more nozzles (11) for at least one colour. The system comprises: - a line for supply-distribution (3) of the ink and that originates from a reservoir (5), has a plurality of short connecting branches (30) for supplying the said print heads (1) and empties into the same reservoir (5); - a line for recirculation (4) of the ink and made up of a plurality of short channels (40) originating from the said print heads (1) and converging into a collection manifold (41), which empties into the said reservoir (5). First and second means provide for producing the circulation of the ink, in the supply-distribution line (3) and in the recirculation line (4) comprising the collection manifold (41), respectively. A control means is provided to control the pressure in the supply- distribution line (3) and particularly in the distribution tube (31). An additional control means controls the pressure and circulation in the recirculation line (4) comprising the said collection manifold (41).

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