

Title (en)

INK JET PRINTER WITH INK PRESSURE CONTROL

Title (de)

TINTENSTRAHLDRUCKER UND TINTENDRUCKKONTROLLE

Title (fr)

IMPRIMANTE A JET D'ENCRE A COMMANDE DE PRESSION D'ENCRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005002860A1] An Ink jet printer, for instance for printing textile, paper, packagings such as food packages, for instance cardboard boxes, food cans, milk packs or the like, has an ink circuit which comprises: at least one supply container (1) for ink; a first pump (6) connecting thereto via a first conduit (62); at least one electrically controlled ink jet head (12) connecting thereto via a second conduit (73, 74); a buffer vessel (75) which is arranged in the second conduit and of which the infeed (33) is located higher than the outfeed (34) and the ink level (35) is situated at a height between the height of the infeed and the height of the outfeed; an air tank (10) connecting above the ink level to the buffer vessel; and pressure adjustment (21) means for adjusting the air pressure in the air tank and thereby holding the height of the ink level constant within chosen tolerances.

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IPC 8 full level

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