

Title (en)

DEVICE FOR ASPIRATING INK FROM AND SEALING THE PRINTING HEADS OF A PRINTER.

Title (de)

SAUG- UND ABDECKEINRICHTUNG ZUM ABSAUGEN VON TINTE AUS TINTENDRUCKKÖPFEN EINES TINTENDRUCKWERKES UND ZUM ABDECKEN DER TINTENDRUCKKÖPFE.

Title (fr)

DISPOSITIF D'ASPIRATION ET DE RECOUVREMENT DESTINE A L'ASPIRATION D'ENCRE PROVENANT DE TETES D'IMPRESSION D'UNE IMPRIMANTE A JET D'ENCRE ET AU RECOUVREMENT DES TETES D'IMPRESSION.

Publication

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Application

EP 91900217 A 19901204

Priority

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- EP 9002094 W 19901204
- EP 90100373 A 19900109

Abstract (en)

[origin: WO9110570A1] The aspiration and covering device (4, 4a, 4b) described has flexible caps (41, 41a) with a liquid-absorbing lining (42, 42a), for aspirating ink from the printing heads (80) and sealing them hermetically. Each cap (41, 41a) is associated with a duct (403, 415, 463) for pressure compensation in the cap and with an aspiration duct (401, 400) for removing ink. In order to ensure controlled removal of ink from each cap (41, 41a), each aspiration duct (401, 400) has a valve device (48, 420) which may be a slit-type valve or a capillary filter. A controllable closure or a diaphragm in the pressure-compensation duct prevents air being forced into the jet nozzle apertures when coupling up.

IPC 1-7

B41J 2/165

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

- PATENT ABSTRACTS OF JAPAN, vol. 9, no. 330, (M-442)(2053), 25.12.1985; JP A 60 162656
- PATENT ABSTRACTS OF JAPAN, vol. 11, no. 330, (M-636)(2777), 28.10.1987; JP A 62 113559
- PATENT ABSTRACTS OF JAPAN, vol. 6, no. 83, (M-130)(961), 21.05.1982; JP A 57 22066

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DE IT

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