

Title (en)

Apparatus, kit and method for filling a printhead of an ink jet printer

Title (de)

Vorrichtung, Kit und Verfahren zum Befüllen eines Druckkopfs eines Tintenstrahldruckers

Title (fr)

Dispositif, ensemble et méthode pour le remplissage d'une tête d'impression d'une imprimante par jet d'encre

Publication

**EP 0638427 B1 19971022 (DE)**

Application

**EP 94112315 A 19940806**

Priority

DE 4327178 A 19930813

Abstract (en)

[origin: EP0638427A2] A device for filling a print head (100) of an inkjet printer consists of a holder (4) with a sealing member (7), into which holder the print head (100) can be inserted with little play. The sealing member (7) is directed towards a nozzle plate (103) arranged on the underside of the housing (101) and is brought into sealing contact by means of a retaining member (5) which acts on an edge of the housing of the print head (100). Furthermore, a needle carrier (18) with a needle (17) is present, which can be fitted onto the print head (100) or the holder (4). The needle (17) penetrates via a bore (106) in the print head (100) into an ink supply compartment located inside the print head (100). A refilling cartridge (200) can be fitted onto the needle (17). With the aid of this device, print heads can be filled in a particularly simple and reliable manner. The filling operation proceeds automatically as soon as a closure cap (210) located on the refilling cartridge (200) is removed. <IMAGE>

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CPC (source: EP US)

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