Title (en)
DEVICE FOR REFILLING AN INK CARTRIDGE FOR AN INK-JET PRINTER

Title (de)
VORRICHTUNG ZUR WIEDERBEFÜLLUNG EINER TINTENPATRONE FÜR EINEN TINTENSTRAHLDRUCKER

Title (fr)
DISPOSITIF DE RECHARGEMENT D'UNE CARTOUCHE D'ENCRE POUR UNE IMPRIMANTE À JET D'ENCRE

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Abstract (en)
[origin: WO2009103422A1] The invention relates to a device for refilling an ink cartridge (10 or 13) for an ink-jet printer, comprising a printer head (16) provided with nozzles, or an ink outlet that can be coupled to the ink supply of an ink-jet head. Either the nozzles of the printer head are directly connected by a fluidic connection or, in the event of an ink outlet that can be coupled to the ink supply of an ink-jet head, said opening is fluidically connected, especially by means of a wick and/or a valve, to an ink storage element arranged inside the ink cartridge and comprising a mechanism producing a low pressure or a material which is absorbent for example. The device according to the invention comprises an ink container (11) filled with ink and having a aeration opening (29) and an ink outlet (18) through which an element that can be fluidically connected by the ink (19) extends and on which the ink cartridge (10 or 13) or the ink storage element thereof can be docked, producing a fluidic connection. Positioning and/ or identifying elements (24, 25, 26) for the identification and exact positioning of at least one ink cartridge (10 or 13) to be filled, in relation to the ink outlet of the ink container (11), are associated with the ink outlet (18).

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