

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 PERMETTANT DE RECHARGER UNE CARTOUCHE D'ENCRE POUR UNE IMPRIMANTE À JET D'ENCRE

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Application
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Abstract (en)
[origin: WO2009112132A1] The invention relates to a filling device for refilling an ink cartridge (13) for an ink-jet printer, comprising a printer head provided with nozzles, or ink outlets (16) 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 (16) that can be coupled to the ink supply of an ink-jet head, said opening is fluidically connected, by means of a wick, to an ink storage element (17) arranged inside the ink cartridge and comprising a mechanism producing a low pressure or a material which is absorbent for example. Said filling device comprises a container (11) which is filled with ink and has an opening (18) containing a capillary element (wick 20) which is dipped into the ink (19) and can be brought into contact with the ink storage element (17) of the ink cartridge (13). The device for refilling an ink cartridge comprises an electronic information processing unit (47) which is used to interact with a memory chip (48) provided on the ink cartridge.

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