

Title (en)

Ink jet device with purging device

Title (de)

Tintenstrahldruckvorrichtung mit Luftableitung

Title (fr)

Dispositif à jet d'encre ayant un dispositif de purge

Publication

EP 1803570 B1 20100602 (EN)

Application

EP 06123161 A 20061030

Priority

- EP 05110682 A 20051114
- EP 06123161 A 20061030

Abstract (en)

[origin: EP1803570A1] Ink jet device with an ink reservoir (20) and a jetting assembly (10), with an ink supply line (28) being arranged to allow liquid ink (22) to flow through the valve (42) into the ink reservoir (20) in accordance with and supported by gravity acting on the flowing ink, and with a purging device (56) adapted to apply a purging pressure to an inner space (18) of the ink reservoir (20), wherein a passive one-way valve (42) is arranged below a nominal minimal fill level (L) of the ink reservoir (20) for blocking a connection of the ink supply line (28) to the ink reservoir (20) when a pressure within the ink reservoir (20) is high enough but not required to be higher than the purging pressure.

IPC 8 full level

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