

Title (en)
Printhead reservoir

Title (de)
Druckkopfbehälter

Title (fr)
Réservoir de tête d'impression

Publication
EP 1925454 A2 20080528 (EN)

Application
EP 07121068 A 20071120

Priority
• US 56329406 A 20061127
• US 56453806 A 20061129

Abstract (en)
A printhead reservoir includes at least one ink reservoir (16) to hold ink and at least one umbilical (17) to deliver ink to the ink reservoir under pressure. A filter (14) resides between the umbilical (17) and the ink reservoir (16) having meniscus strength sufficient enough to prevent the reservoir from draining when the pressure is removed or if a pressure is applied downstream of the filter. The filter (14) may reside above the ink reservoir to further reduce the ink drain back. The reservoir may also include a weir plate (30) to allow the filter to reside below the ink level.

IPC 8 full level
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