

Title (en)  
System for supplying a printing apparatus

Title (de)  
Versorgungssystem für Druckvorrichtung

Title (fr)  
Système d'alimentation pour appareil d'impression

Publication  
**EP 1491344 A2 20041229 (EN)**

Application  
**EP 04076854 A 20040625**

Priority  
IT MI20031305 A 20030626

Abstract (en)  
The system has a primary hydraulic circuit (2) with a supply reservoir (21) of ink from which ink is supplied at a constant pressure. A secondary hydraulic circuit (3) has a pressure sensor (32) to sense ink pressure. A regulation electrovalve (31) of the circuit (3) is opened to maintain a depression in ink supply ducts of printing nozzles to an optimal value when ink drops from the nozzles.  
A system for supplying a printing apparatus comprising a primary hydraulic circuit (2) that allows ink to flow from a supply reservoir (21) with a substantially constant pressure and a secondary hydraulic circuit (3), positioned between said primary circuit and a printhead (4). The secondary circuit comprises a regulation electrovalve (31), a second pressure sensor (32), an electronic regulation circuit (33) and a hydraulic pumping device (34).

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