

Title (en)

Fluid system for multiple print heads

Title (de)

Flüssigkeitssystem für Mehrfachdruckköpfe

Title (fr)

Système hydraulique pour plusieurs têtes d'impression

Publication

**EP 1013450 A3 20010207 (EN)**

Application

**EP 99309506 A 19991129**

Priority

US 21166498 A 19981214

Abstract (en)

[origin: EP1013450A2] A single fluid system (100) simultaneously and independently controls multiple print heads of a continuous ink jet printer. An ink reservoir supplies ink to the multiple print heads and a common vacuum system withdraws ink from the multiple print heads back to the ink reservoir. The system controls the concentration of ink to the multiple print heads and separately supplies ink to the multiple print heads. Multiple print heads are supported independently by this single fluid controller, allowing each print head to operate independently, as if it were controlled by its own fluid system. Hence, each one of the multiple print heads has the capability of cleaning, shutting down, and printing without any interference from the other, while sharing similar components. <IMAGE>

IPC 1-7

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IPC 8 full level

**B41J 2/18** (2006.01); **B41J 2/175** (2006.01); **B41J 2/185** (2006.01)

CPC (source: EP)

**B41J 2/175** (2013.01)

Citation (search report)

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