

Title (en)

Security filter equipped modulation device for an ink jet printhead

Title (de)

Modulationsvorrichtung mit einem Sicherheitsfilter für einen Tintenstrahldruckkopf

Title (fr)

Dispositif de modulation équipé d'un filtre de sécurité pour tête d'impression à jet d'encre

Publication

EP 0724960 B1 19981125 (FR)

Application

EP 96400205 A 19960129

Priority

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Abstract (en)

[origin: EP0724960A1] Ink under pressure is introduced into a tubular sleeve (4) through a connecting pipe (21). A second pipe (22) connected to the sleeve (4) constitutes a purging circuit. The ink is filtered by a tangential filter (30) which also acts as a strut. The filter is made watertight to the sleeve (4) by expanding seals at top and bottom (13, 15). After passing through the filter the ink is moved to a nozzle (15,31) by a resonator located inside the filter. The resonator receives an electrical supply through a cable (23) secured by a flange (28).

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