

Title (en)

VALVE UNIT IN A LIQUID JET PRINTER

Title (de)

VENTILEINHEIT IN EINEM FLÜSSIGKEITSSTRAHLDRUCKER

Title (fr)

ENSEMBLE SOUPAPE DANS UNE IMPRIMANTE A JET DE LIQUIDE

Publication

**EP 1453681 A1 20040908 (EN)**

Application

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Priority

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- SE 0104209 A 20011213

Abstract (en)

[origin: WO03053700A1] In a liquid ink image forming apparatus a liquid ink valve unit including a moveable elongated valve body is made to increase its maximum controllable frequency by creating a free movement of the valve body. This is attained according to the invention by counteracting undesirable pressure changes across the valve body, especially during movement of the valve body. In a preferred embodiment a liquid ink transport is created between a first cavity at a first end section of the valve body and a second cavity at the second end section of the valve body.

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