

Title (en)

PRINthead WITH PRESSURE-DAMPENING STRUCTURES

Title (de)

DRUCKKOPF MIT DRUCKDÄMPFUNGSSTRUKTUREN

Title (fr)

TÊTE D'IMPRESSION PRÉSENTANT DES STRUCTURES DÉTENDEURS DE PRESSION

Publication

EP 2212116 A4 20110302 (EN)

Application

EP 07815633 A 20071129

Priority

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Abstract (en)

[origin: WO2009067730A1] An inkjet printhead is provided. The printhead comprises a plurality of nozzle assemblies; a nozzle plate covering the plurality of nozzle assemblies; an ink supply system for supplying ink to the plurality of nozzle assemblies, the ink supply system comprising at least one conduit wall defined by part of the nozzle plate; and at least one pressure-dampening structure positioned in the part of the nozzle plate. The pressure-dampening structures dampen ink pressure fluctuations in the ink supply system.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XII] EP 1260372 A2 20021127 - CANON KK [JP]
- [XII] US 4550326 A 19851029 - ALLEN ROSS R [US], et al
- [X] US 2003202041 A1 20031030 - MURAKAMI SHUICHI [JP], et al
- See references of WO 2009067730A1

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DOCDB simple family (publication)

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