

Title (en)
A PRINTING HEAD

Title (de)
DRUCKKOPF

Title (fr)
TÊTE D'IMPRESSION

Publication
EP 3061611 B1 20190529 (EN)

Application
EP 15202657 A 20151224

Priority
• PL 41138415 A 20150226
• GB 201503296 A 20150227

Abstract (en)
[origin: EP3061611A1] An inkjet printing head comprising a nozzle assembly having a pair of nozzles (111A, 111B; 211A, 211B), each nozzle being connected through a channel (112A, 112B; 212A, 212B) with a separate liquid reservoir (116A, 116B; 216A, 216B) for discharging in a downstream direction a primary drop (121A, 121B; 221A, 221B) of liquid at the nozzle outlet (113A, 113B; 213A, 213B) to combine at a connection point (132; 232) into a combined drop (122; 232). The printing head further comprises a primary enclosure (141; 241) surrounding the nozzle outlets (113A, 113B; 213A, 213B), and having a cross-section narrowing in the downstream direction; and a source of a gas stream configured to flow in the downstream direction inside the primary enclosure (141; 241). The connection point (132; 232) is located within the primary enclosure (141; 241).

IPC 8 full level
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GB2552691A; GB2552691B

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