

Title (en)

INKJET HEAD AND INKJET RECORDING APPARATUS

Title (de)

TINTENSTRAHLKOPF UND TINTENSTRAHLAUFZEICHNUNGSVORRICHTUNG

Title (fr)

TÊTE DE JET D'ENCRE ET DISPOSITIF D'ENREGISTREMENT À JET D'ENCRE

Publication

EP 3246163 A1 20171122 (EN)

Application

EP 16169858 A 20160517

Priority

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Abstract (en)

According to an embodiment, an inkjet head includes a pressure cell structure. The pressure cell structure includes pressure cells, flow control paths, and slits. The flow control paths are formed on both the sides of the pressure cells, and control flow of ink flowing into the pressure cells. The slits are in communication with the pressure cells and the flow control paths. The width of the slit is smaller than the width of the pressure cell.

IPC 8 full level

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CPC (source: EP)

B41J 2/14233 (2013.01); **B41J 2002/1437** (2013.01); **B41J 2202/12** (2013.01); **B41J 2202/15** (2013.01)

Citation (search report)

- [Y] JP 2014172323 A 20140922 - TOSHIBA TEC KK
- [Y] US 2011007117 A1 20110113 - BIBL ANDREAS [US], et al
- [Y] US 2010208010 A1 20100819 - INOUE TOMOYUKI [JP], et al
- [A] WO 2013002774 A1 20130103 - HEWLETT PACKARD DEVELOPMENT CO [US], et al

Cited by

US11433668B2; US11613120B2; US11878524B2; JP2020121416A; JP2019166670A; JP2020023060A; JP2019171751A; JP2020121509A

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