

Title (en)

Module for an ink printing head

Title (de)

Modul für einen Tintendruckkopf

Title (fr)

Module pour tête d'impression à encre

Publication

EP 0713776 A3 19970423 (DE)

Application

EP 95250274 A 19951110

Priority

DE 4443245 A 19941125

Abstract (en)

[origin: EP0713776A2] The module is stacked together with a number of other modules within the ink jet printing head and uses an edge shooter principle, with piezo actuators (21,25) associated with the ink chambers. The module has a pair of circuit plates (1,3) either side of a ink jet printing module (2) with a pair of cover plates (22,24) supporting the piezoactuators, providing with control electrodes on both sides. The circuit plates have conductor path (13) extending between contact elements (12,32) for contacting the piezoactuators and a driver circuit module (14), together with heating resistances (16) for heating the head and temp. measuring sensors (17).

IPC 1-7

B41J 2/14; **B41J 2/045**

IPC 8 full level

B41J 2/045 (2006.01); **B41J 2/14** (2006.01)

CPC (source: EP US)

B41J 2/14233 (2013.01 - EP US); **B41J 2002/14491** (2013.01 - EP US)

Citation (search report)

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EP 0713776 A2 19960529; **EP 0713776 A3 19970423**; **EP 0713776 B1 19991006**; DE 4443245 A1 19960530; DE 4443245 C2 20000621; DE 59506987 D1 19991111; US 5757402 A 19980526

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