

Title (en)
Modular ink jet print head

Title (de)
Tintendruckkopf aus einzelnen Tintendruckmodulen

Title (fr)
Tête d'impression par jet d'encre modulaire

Publication
EP 0691205 A3 19960320 (DE)

Application
EP 95250145 A 19950616

Priority
DE 4424771 A 19940705

Abstract (en)
[origin: EP0691205A2] An ink jet print head is produced with four identical modules Ä1Ü that consists of a number of laminates Ä11-14Ü. Each module has two arrays of ink jet chambers Ä16, 17Ü that are offset from each other. The end section of the head unit is enclosed by an adapter plate Ä2Ü having a series of apertures aligned with the channels. The adapter plate is covered by a plate Ä3Ü having a pattern of nozzles Ä31Ü. Pressurised droplets of ink are generated from the nozzles by activation of piezo actuators in the head Ä15Ü. <IMAGE>

IPC 1-7
B41J 2/15

IPC 8 full level
B41J 2/14 (2006.01); **B41J 2/15** (2006.01)

CPC (source: EP US)
B41J 2/14233 (2013.01 - EP US); **B41J 2002/14379** (2013.01 - EP US); **B41J 2202/19** (2013.01 - EP US)

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Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
DE 4424771 C1 19951123; DE 59503508 D1 19981015; EP 0691205 A2 19960110; EP 0691205 A3 19960320; EP 0691205 B1 19980909;
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