

Title (en)

PROCESS FOR THE MANUFACTURE OF A DROPLETS-GENERATING DEVICE FOR INK PRINTER UNITS

Publication

**EP 0204099 B1 19900321 (DE)**

Application

**EP 86104558 A 19860403**

Priority

DE 3512837 A 19850410

Abstract (en)

[origin: US4626323A] A method of producing a printing element or writing head having a common ink chamber formed in a surface of the substrate which chamber has a pair of channels separated by a ridge and is covered by a comb and conductor loop arrangement having middle portions with the ink nozzle characterized by applying a plurality of different layers on the substrate, creating an electroplating mask on the last-applied layer, electroplating to produce the structure for the comb and conductor loops, then forming an etching mask by removing portions of the plating mask and the layers of material underneath those portions in the area of the channel, removing the material of the substrate to form the channel and then subsequently removing layers to loosen the middle portions of each of the conductor loops from the ridge.

IPC 1-7

**B41J 2/16**

IPC 8 full level

**C25D 1/08** (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**US 4626323 A 19861202**; DE 3669685 D1 19900426; EP 0204099 A1 19861210; EP 0204099 B1 19900321; JP S61235590 A 19861020

DOCDB simple family (application)

**US 83954886 A 19860314**; DE 3669685 T 19860403; EP 86104558 A 19860403; JP 7806686 A 19860404