

Title (en)

Printing heads for use in ink jet printing and method for producing the same.

Title (de)

Druckköpfe für das Tintenstrahldrucken und Herstellungsverfahren.

Title (fr)

Têtes d'impression utilisées dans l'impression par jet d'encre et méthode de fabrication.

Publication

EP 0624474 A2 19941117 (EN)

Application

EP 94303424 A 19940512

Priority

- JP 9675194 A 19940510
- JP 11033893 A 19930512
- JP 11034093 A 19930512

Abstract (en)

A printing head for use in ink jet printing comprising an ink-jetting nozzle and an ink channel connected to the ink-jetting nozzle, at least a part of the ink channel comprising an activation-energy-ray- hardening resin is disclosed. The resin in the printing head has a certain hardened state. The printing head has improved resistance to ink compositions containing acetylene glycol which sometimes damage the conventional printing heads comprising an activation-energy-ray-hardening resin.

IPC 1-7

B41J 2/16

IPC 8 full level

B41J 2/045 (2006.01); **B41J 2/055** (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP)

B41J 2/1612 (2013.01); **B41J 2/1623** (2013.01); **B41J 2/1631** (2013.01); **B41J 2002/14387** (2013.01)

Cited by

CN112937145A

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0624474 A2 19941117; **EP 0624474 A3 19951108**; **EP 0624474 B1 19980715**; DE 69411627 D1 19980820; DE 69411627 T2 19981224; JP 3415260 B2 20030609; JP H07137260 A 19950530; SG 48032 A1 19980417

DOCDB simple family (application)

EP 94303424 A 19940512; DE 69411627 T 19940512; JP 9675194 A 19940510; SG 1996006340 A 19940512