

Title (en)
MULTI-NOZZLE INK-JET PRINT HEAD OF DROP-ON-DEMAND TYPE

Publication
EP 0076708 A3 19840523 (EN)

Application
EP 82305345 A 19821007

Priority
• JP 7198382 A 19820428
• JP 7198582 A 19820428
• JP 7198682 A 19820428
• JP 15994581 A 19811007
• JP 15994781 A 19811007

Abstract (en)
[origin: EP0076708A2] A multi-nozzle ink-jet print head of the drop-on-demand type has a plurality of ink injection nozzles (101) connected to a common ink reservoir (105) via pressure chambers (104) and an ink-supply path (2001 which has dimensions so small that ink is supplied from the ink reservoir (105) to the injection nozzles (101) as a result of capillary action in the supply path (200).

IPC 1-7
B41J 3/04

IPC 8 full level
B41J 2/14 (2006.01); **B41J 2/175** (2006.01)

CPC (source: EP)
B41J 2/14233 (2013.01); **B41J 2/175** (2013.01); **B41J 2002/14379** (2013.01); **B41J 2202/07** (2013.01)

Citation (search report)
• [X] US 4158847 A 19790619 - HEINZL JOACHIM, et al
• [A] DE 2842594 A1 19800410 - SIEMENS AG
• [A] US 3835881 A 19740917 - DAL H, et al
• [AD] US 3946398 A 19760323 - KYSER EDMOND L, et al
• [A] US 4216477 A 19800805 - DOI TETSUO [JP], et al

Cited by
US5812165A; EP0623472A3; WO0183220A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0076708 A2 19830413; EP 0076708 A3 19840523; EP 0076708 B1 19870204; DE 3275366 D1 19870312

DOCDB simple family (application)
EP 82305345 A 19821007; DE 3275366 T 19821007