

Title (en)
Printer for ink-jet printing apparatus

Title (de)
Druckvorrichtung für eine Tintenstrahldruckeinrichtung

Title (fr)
Imprimante pour appareil d'impression par jet d'encre

Publication
EP 1074387 A3 20030115 (DE)

Application
EP 00114707 A 20000708

Priority
• DE 19935896 A 19990730
• DE 19959008 A 19991208

Abstract (en)
[origin: EP1074387A2] Printing devices of ink-jet printer is fabricated with a plane surface plate (16,17) having virtually zero thermal expansion and made from an electrically non-conductive material or from a semiconductor, with its transversely extending jet orifices (18,19) exactly reproducible with regard to size and shape to provide exact discrete jets (12) or droplets (13) of ink.

IPC 1-7
B41J 2/085

IPC 8 full level
B41J 2/135 (2006.01); **B41J 2/035** (2006.01); **B41J 2/06** (2006.01)

CPC (source: EP)
B41J 2/035 (2013.01)

Citation (search report)
• [XA] US 4658269 A 19870414 - REZANKA IVAN [US]
• [X] US 4587527 A 19860506 - SCHUTRUM WALTER L [US], et al
• [X] US 4318111 A 19820302 - DAMOUTH DAVID E
• [X] US 4347519 A 19820831 - KIKUCHI MASATSUGU, et al

Cited by
US7909428B2; WO2008013748A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 1074387 A2 20010207; EP 1074387 A3 20030115; CA 2314703 A1 20010130; CN 1282664 A 20010207; IL 137354 A0 20010724; JP 2001063069 A 20010313

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EP 00114707 A 20000708; CA 2314703 A 20000727; CN 00122148 A 20000727; IL 13735400 A 20000718; JP 2000225297 A 20000726