

Title (en)
Ink jet printer.

Title (de)
Tintenstrahldrucker.

Title (fr)
Imprimante à jet d'encre.

Publication
EP 0080900 A1 19830608 (EN)

Application
EP 82306379 A 19821201

Priority
US 32672181 A 19811202

Abstract (en)
An ink jet printer includes circuitry for controlling the alignment and deflection of droplets produced by nozzles and changed by charging and deflection electrodes which control the trajectory of droplets. A charging signal is generated for each droplet by control circuitry and routed to the appropriate charging electrode. The charging signal is adjusted to take into account nozzle aim as well as the operating characteristics of the charging and/or deflection circuitry for that nozzle. The preferred adjustment includes application of a gain and/or an offset factor to uncompensated charging signals. These gain and offset factors are periodically updated to compensate for changes in nozzle directionality and circuitry gain with time.

IPC 1-7
B41J 3/04

IPC 8 full level
B41J 2/12 (2006.01)

CPC (source: EP)
B41J 2/12 (2013.01)

Citation (search report)

- US 4238804 A 19801209 - WARREN W THOMAS [US]
- DE 2611282 B2 19810226
- EP 0036788 A1 19810930 - CAMBRIDGE CONSULTANTS [GB]

Cited by
EP0558284A3; GB2265861B

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0080900 A1 19830608; JP S5898260 A 19830611

DOCDB simple family (application)
EP 82306379 A 19821201; JP 20747382 A 19821125