

Title (en)

Staggered multi-phase firing of nozzle heads for a printer

Title (de)

Mehrphasige Ausstosssteuerung von versetzten Düsenköpfe für Drucker

Title (fr)

Commande de l'éjection multi-phase des têtes à buses échelonnées pour imprimante

Publication

EP 1361068 A1 20031112 (EN)

Application

EP 02100467 A 20020508

Priority

EP 02100467 A 20020508

Abstract (en)

The present invention describes a method for printing, with one type of printhead, with a resolution that differs from the resolution of the type of printhead used. In the method according to the present invention, the speed in the fast scan direction is changed with reference to a reference velocity which the printhead is intended to be driven with, while preferably keeping the firing frequency of the sets of nozzles unchanged. The firing order of the nozzles may or may not be changed. <IMAGE>

IPC 1-7

B41J 2/21

IPC 8 full level

B41J 2/01 (2006.01); **B41J 2/21** (2006.01); **B41J 19/20** (2006.01)

CPC (source: EP)

B41J 2/2132 (2013.01); **B41J 19/202** (2013.01)

Citation (applicant)

- US 4887100 A 19891212 - MICHAELIS A JOHN [US], et al
- WO 9610488 A1 19960411 - XAAR LTD [GB], et al
- WO 9704963 A1 19970213 - XAAR LTD [GB], et al
- WO 9912738 A1 19990318 - XAAR TECHNOLOGY LTD [GB], et al
- US 4967203 A 19901030 - DOAN ALPHA N [US], et al

Citation (search report)

- [A] US 4972270 A 19901120 - KURTIN STEPHEN [US], et al
- [A] EP 0623473 A2 19941109 - HEWLETT PACKARD CO [US]

Cited by

NL2020081B1; CN111479696A; US6669330B2; US11298936B2; US8201906B2; WO2006131137A1; WO2019115608A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1361068 A1 20031112; JP 2003326687 A 20031119

DOCDB simple family (application)

EP 02100467 A 20020508; JP 2003119711 A 20030424