

Title (en)

Color ink jet printing mechanism with elongated black nozzle array and method of operation

Title (de)

Farbstrahldrucker mit länglicher Düsenreihe für schwarze Tinte und Anwendungsweise

Title (fr)

Imprimante à jet d'encre en couleurs avec une rangée de gicleurs allongée d'encre noire et méthode d'opération

Publication

EP 0729837 A1 19960904 (EN)

Application

EP 95306912 A 19950929

Priority

US 39685495 A 19950301

Abstract (en)

A printer (10) having a media transport (20) operable to advance media (16) in a downstream direction (22). A print head (34, 36) includes a pair of ink cartridges, each with a respective linear array of color and black nozzles(40, 42), the black array extending farther in the downstream direction than the color array. The printer may be operated with black printing limited to use only of those black nozzles positioned downstream of all color nozzles. <IMAGE>

IPC 1-7

B41J 2/21

IPC 8 full level

B41J 2/205 (2006.01); **B41J 2/21** (2006.01)

CPC (source: EP KR)

B41J 2/2132 (2013.01 - EP KR); **B41J 2/14** (2013.01 - KR)

Citation (search report)

- [A] EP 0595657 A2 19940504 - CANON KK [JP]
- [A] WO 9108902 A1 19910627 - SPECTRA INC [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 25 (M - 1542) 14 January 1994 (1994-01-14)

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0729837 A1 19960904; JP H08252929 A 19961001; KR 960033761 A 19961022

DOCDB simple family (application)

EP 95306912 A 19950929; JP 1739696 A 19960202; KR 19960005374 A 19960229