

Title (en)
Independent servicing of multiple inkjet printheads

Title (de)
Unabhängige Reinigung für mehrere Tintenstrahldruckköpfe

Title (fr)
Nettoyage indépendant pour plusieurs têtes d'impression à jet d'encre

Publication
EP 1029683 A1 20000823 (EN)

Application
EP 99110496 A 19990531

Priority
US 25338199 A 19990219

Abstract (en)
Service station components for interacting with one type of printhead are located to be aligned in operative position only in a first servicing mode, and service station components for interacting with another type of printhead are differently located to be aligned in operative position only in a second servicing mode. This allows for different servicing schemes of two or more modes to be applied based on the individual characteristics of the ink and/or nozzle plates employed in inkjet printheads. In some instances, an individual printhead can be serviced in more than one servicing mode. In a preferred embodiment, replaceable service station units are provided for each different printhead. <IMAGE>

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B41J 2/165

IPC 8 full level
B41J 2/165 (2006.01)

CPC (source: EP)
B41J 2/16538 (2013.01)

Citation (applicant)

- US 5278584 A 19940111 - KEEFE BRIAN J [US], et al
- US 4683481 A 19870728 - JOHNSON SAMUEL A [US]
- US 5276970 A 19940111 - WILCOX DARREN W [US], et al
- US 5614930 A 19970325 - OSBORNE WILLIAM S [US], et al
- US 56622195 A 19951130

Citation (search report)

- [YA] EP 0732211 A1 19960918 - HEWLETT PACKARD CO [US]
- [Y] EP 0822086 A2 19980204 - CANON KK [JP]
- [A] EP 0576175 A2 19931229 - CANON KK [JP]

Cited by
EP1095775A1; SG90165A1; US6520621B1; WO2018013098A1

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