

Title (en)

Ink jet ink cartridges in the form of segments which may be combined into a compact generalised right cylindrical shape

Title (de)

Tintenpatronen für Tintenstrahldrucker in Form von Segmenten, die sich zu einer kompakten verallgemeinerten, rechten Zylinderform vereinen lassen

Title (fr)

Cartouches d'encre pour imprimante à jet d'encre en forme de segments qui peuvent être combinés en une forme cylindrique droite généralisée

Publication

EP 1022143 A1 20000726 (EN)

Application

EP 00100990 A 20000119

Priority

JP 1188999 A 19990120

Abstract (en)

An ink-jet printer comprising: a plurality of ink cartridges (11) formed as pillar-shaped ink tanks integrated with one another by a retention mechanism; and a recording head (16) ejecting color inks supplied from the ink cartridges (11). Since each of the ink tanks corresponding to each of colors can be individually replaced with a new ink tank, only the depleted ink tank can be replaced to improve the economical efficiency. Further, the incorporation of the plurality of the ink tanks enables the whole ink cartridge (11) more compact. <IMAGE>

IPC 1-7

B41J 2/175

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/17503 (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17553** (2013.01)

Citation (search report)

- [X] EP 0604940 A1 19940706 - CANON KK [JP]
- [X] EP 0603516 A2 19940629 - HEWLETT PACKARD CO [US]
- [X] EP 0655336 A1 19950531 - CANON KK [JP]
- [X] EP 0546832 A2 19930616 - CANON KK [JP]
- [X] DE 19733152 A1 19980813 - HEWLETT PACKARD CO [US]
- [X] EP 0699533 A2 19960306 - CANON KK [JP]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 11 28 November 1997 (1997-11-28)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 02 29 February 1996 (1996-02-29)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06 30 April 1998 (1998-04-30)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 11 30 September 1998 (1998-09-30)

Cited by

ITMI20091564A1

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 1022143 A1 20000726; JP 2000211150 A 20000802

DOCDB simple family (application)

EP 00100990 A 20000119; JP 1188999 A 19990120