

Title (en)

Device for preventing reusability of a reservoir for supplying ink

Title (de)

Wiederverwendbarkeitssperre für einen Behälter mit Tintenversorgung

Title (fr)

Prévention de réutilisation d'un réservoir d'alimentation en encre

Publication

EP 0799704 A3 19980325 (DE)

Application

EP 97104002 A 19970311

Priority

DE 19613945 A 19960406

Abstract (en)

[origin: EP0799704A2] The lock enables the connection of the ink connection line between an ink print head to the cartridge with a hollow needle (4) via a rubber elastic closure. A hermetically closable cover device (2) inside the cartridge (1) for the needle plug-in region is irreversibly activated by the inserted needle. The covering device consists essentially of an axially sprung movable and lockable sleeve (21) contg. a rotatable, spring-mounted rocker (22). A connector (112) is formed inside on the front wall (11) of the cartridge.

IPC 1-7

B41J 2/175

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP US)

B41J 2/17506 (2013.01 - EP US)

Citation (search report)

- [A] GB 2133502 A 19840725 - SANDEN JOHN A V D
- [A] WO 9000971 A1 19900208 - SIEMENS AG [DE]
- [A] US 5283593 A 19940201 - WEHL WOLFGANG [DE]
- [A] US 5365312 A 19941115 - HILLMANN RUEDIGER [DE], et al
- [A] EP 0610965 A1 19940817 - CANON KK [JP]

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0799704 A2 19971008; EP 0799704 A3 19980325; EP 0799704 B1 20000119; DE 19613945 A1 19971009; DE 19613945 C2 19990422; DE 59701021 D1 20000224; US 5940103 A 19990817

DOCDB simple family (application)

EP 97104002 A 19970311; DE 19613945 A 19960406; DE 59701021 T 19970311; US 83841097 A 19970407