

Title (en)

Ink cartridge for an ink jet printer or plotter

Title (de)

Tintenbehälter für einen Tintenstrahl-Drucker oder -Plotter

Title (fr)

Cartouche d'encre pour imprimante/traceur à jet d'encre

Publication

EP 0865925 B1 20011219 (DE)

Application

EP 98810176 A 19980303

Priority

DE 19710970 A 19970317

Abstract (en)

[origin: EP0865925A1] An ink reservoir comprises a casing (1) and lower section (2) including a sump (4). Around the sump's upper edge (16), there is a groove (17). A plug (10) is inserted into the sump's base (7). It will be penetrated by a hollow needle of the printer or plotter. A sump-shaped elastomeric membrane (18) has an edge bead (20) which is pressed into the groove. A cover (3) placed down onto the lower section has an inner wall (36) whose lower edge presses down onto the bead. Preferably there is an additional chamber (26) with a second plug (10). This chamber is filled with an absorbent (28), especially cellulose, to take up ink residues. The membrane is made of acrylonitrile butadiene rubber (NBR).

IPC 1-7

B41J 2/175

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP US)

B41J 2/17513 (2013.01 - EP US); **B41J 2/17553** (2013.01 - EP US)

Cited by

EP1084850A3

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0865925 A1 19980923; EP 0865925 B1 20011219; CA 2232394 A1 19980917; DE 19710970 A1 19981001; DE 19710970 C2 20000810; DE 59802491 D1 20020131; US 5984461 A 19991116

DOCDB simple family (application)

EP 98810176 A 19980303; CA 2232394 A 19980317; DE 19710970 A 19970317; DE 59802491 T 19980303; US 3996398 A 19980316