

Title (en)
Method and apparatus for replenishing an ink-jet head with ink

Title (de)
Verfahren und Vorrichtung zum Farbnachtränken eines Farbstrahlkopfes

Title (fr)
Méthode et dispositif pour le réapprovisionnement en encre d'une tête à jet d'encre

Publication
EP 0536980 B1 19971217 (EN)

Application
EP 92309101 A 19921006

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Abstract (en)
[origin: EP0536980A2] An ink-jet print head has a supply reservoir (10) filled with a spongy body (1) impregnated with ink. An ink replenishing device consists of a connecting element (32) made of porous material having one end immersed in a main container (48) separate from the head and the other end making contact with the spongy body (1) via an opening (30) in a wall of the supply reservoir (10). By to capillary action, when the spongy body (1) is partially empty of ink, the porous connecting element transfers the ink from the main container (48) to the supply reservoir. <IMAGE>

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Cited by
DE102008025721A1; EP0709210A1; US5984465A; US6145974A; US5929883A; EP0703083A3; FR2753410A1; US6137512A; EP0691207A3; US5742311A; US6012808A; US6095642A; US6390614B2; US5933172A; DE9321138U1; US6158849A; US6012806A; US6099112A; US6076920A; EP1375160A1; US6000790A; US6024442A; US6116722A; EP0773109A3; US6402306B1; US6053604A; US6158852A; EP0665109A3; US5815184A; EP0931659A1; NL1008040C2; GB2305397A; GB2305397B; EP1435294A3; US6007191A; US6145972A; EP0624475A3; US6109742A; US6224200B1; US5912687A; EP0674998A1; US5742308A; AU699742B2; US5555007A; US6179416B1; US6170941B1; US6276785B1; US6296352B1; EP0639461A3; US5742309A; US6045218A; CN1041069C; CN1084259C; EP0661161A3; US5786834A; US6065829A; US6030073A; EP0810096A1; CN1085588C; EP0711667A1; US6033063A; EP0635373A1; AU664125B2; US5784088A; CN100341704C; US5980031A; EP1219446A3; WO2019151971A1; WO2008067897A1; WO2009103421A3; WO2009138163A1; US6238042B1; US6854835B2; US6247803B1; US6174053B1; US6325498B1; EP1225050A2; US6250750B1; US6394591B1; US6412932B1; US6578957B2; US6854838B2; US6338552B1; US6474798B1; US6332675B1; US6402307B1; US6454399B2; US6565199B2; US6783220B2; US6231172B1; US6299298B1; US6390578B1; US6394590B1

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