

Title (en)
CAPPING MECHANISM FOR AN INK JET PRINTER

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EP 0451846 A3 19920108 (EN)

Application
EP 91105793 A 19910411

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Abstract (en)
[origin: EP0451846A2] A suction recovery device of ink jet recording apparatus (100) comprises a cap (35) which can contact with or separate from a face formed with discharge ports for recording by discharging the ink, said cap (35) communicating to a suction system for performing the suction recovery through said discharge ports via said cap (35), said cap having a groove portion (35b) for guiding ink, and formed of an elastic material integrally with an ink communication member for communicating to said suction system via a suction port (35c) provided on an inner wall of said cap, and said suction system having a cylinder (24) and a piston (28) reciprocating within said cylinder, and having disposed ink absorbing member (242) in an ink exhaust portion (24b) within said cylinder. <IMAGE>

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B41J 2/165

IPC 8 full level
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CPC (source: EP)
B41J 2/16508 (2013.01)

Citation (search report)
• [A] US 4506277 A 19850319 - TERASAWA KOJI [JP]
• [A] US 4819012 A 19890404 - KIYOHARA TAKEHIKO [JP], et al
• [A] US 4600931 A 19860715 - TERASAWA KOJI [JP]
• [A] US 4510510 A 19850409 - TERASAWA KOJI [JP]
• [A] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 140 (M-586) 08 May 1987; & JP-A-61 277 456 (HIROHARU) 08 December 1986
• [A] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 330 (M-636) 28 October 1987; & JP-A-62 111 751 (TOSHIYUKI) 22 May 1987

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US5621450A; EP0559122A3; US5572242A; EP0540344A3; US5883645A; JP2018058276A

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