

Title (en)  
Ink supplying apparatus

Title (de)  
Tintenversorgungsvorrichtung

Title (fr)  
Dispositif d'alimentation en encré

Publication  
**EP 0820873 A3 19990107 (EN)**

Application  
**EP 97305524 A 19970723**

Priority  

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Abstract (en)  
[origin: EP0820873A2] An ink supplying apparatus for an ink jet recording apparatus is provided that includes an ink case which can store ink pellets such that the ink pellets are movable toward a discharging section. The ink case includes a plurality of accommodating channel sections arranged parallel to each other so as to correspond to a plurality of colors of the ink pellets; a pellet pressing member and an urging member arranged respectively in each of the accommodating channel sections for urging the ink pellets in each of the accommodating channel sections toward the discharging section; and a discharging mechanism for supplying the ink pellet at a supplying section of each of the discharging sections to a tank section of the ink jet recording apparatus. <IMAGE>

IPC 1-7  
**B41J 2/175**

IPC 8 full level  
**B41J 2/175** (2006.01)

CPC (source: EP)  
**B41J 2/17593** (2013.01)

Citation (search report)  

- [XA] US 4739339 A 19880419 - DEYOUNG THOMAS W [US], et al
- [YA] EP 0519700 A2 19921223 - TEKTRONIX INC [US]
- [A] EP 0506403 A1 19920930 - TEKTRONIX INC [US]
- [A] GB 2237773 A 19910515 - DATAPRODUCTS CORP [US]
- [YA] EP 0338590 A2 19891025 - SEIKO EPSON CORP [JP]
- [A] US 4961081 A 19901002 - SHIGA NORIO [JP]
- [A] US 4870430 A 19890926 - DAGGETT ROBERT C [US], et al
- [A] US 4609924 A 19860902 - DE YOUNG THOMAS W [US]
- [XY] PATENT ABSTRACTS OF JAPAN vol. 9, no. 297 (M - 432)<2020> 25 November 1985 (1985-11-25)

Cited by  
EP1967370A3; EP1849609A1; US2011303687A1; US8634748B2; US8029114B2; EP1967370A2; US7798627B2; US7819513B2; US8075119B2; US7731345B2; US7780284B2; US7878641B2

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