

Title (en)  
Ink tank cartridge and container therefor

Title (de)  
Tintenkartusche und Behälter dafür

Title (fr)  
Cartouche d'encre et réservoir correspondant

Publication  
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Application  
**EP 03026325 A 19920807**

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Abstract (en)  
[origin: EP0553535A1] An ink tank cartridge (5) is disclosed including a housing (11,50) removably mounted onto an ink supply needle (14,90) of the ink-jet type recording apparatus body. The housing being provided with an ink supply port (15,53,71) projecting from a bottom surface of the housing both inwardly and outwardly. A porous member (21,64) for impregnating ink is positioned inside the housing abutting against the ink supply port through a filter (17,55). The ink tank cartridge being further provided with a packing member (19,57,73) resiliently abutting against an outer periphery of the ink supply needle at the end of the ink supply port. An end opening is sealed with a sealing member (20,60,77) through which the ink supply needle penetrates. Accordingly, the ink tank cartridge of the invention is advantageous in that the ink supply needle does not require a sharp tip, air is prevented from entering the ink supply path of the recording apparatus, and a tight air-seal between the ink supply needle and the ink tank can be maintained. <IMAGE>

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- [DY] JP S5074341 A 19750619
- [DA] EP 0378240 A2 19900718 - CANON KK [JP]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 016, no. 122 (M - 1226) 27 March 1992 (1992-03-27)
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 197 (M - 706) 8 June 1988 (1988-06-08)

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