

Title (en)  
INK JET RECORDING APPARATUS

Publication  
**EP 0376922 B1 19930728 (EN)**

Application  
**EP 90100880 A 19860813**

Priority  

- EP 90100880 A 19860813
- JP 17790785 A 19850813
- JP 17790885 A 19850813
- JP 19512685 A 19850904

Abstract (en)  
[origin: EP0376922A1] An ink jet recording apparatus comprising: an ink tank (21); an ink chamber (16) communicating with said ink tank; means defining ink discharge ports (7) adjacent to and communicating with said ink chamber; means defining air discharge ports (8) confronting said ink discharge ports (7) , respectively, for discharging an air flow; means (22) for applying an air pressure to said ink tank (21) to form convex ink meniscuses respectively at said ink discharge ports (7); and means (9, 10) responsive to an electric signal for enabling ink discharged from said ink discharge ports (7) to be expelled with said air flow from said air discharge ports (8), characterised in that said ink tank has an ink level lying below said ink discharge ports.

IPC 1-7  
**B41J 2/015; B41J 2/215**

IPC 8 full level  
**B41J 2/06** (2006.01)

CPC (source: EP)  
**B41J 2/06** (2013.01); **B41J 2002/061** (2013.01); **B41J 2002/14387** (2013.01); **B41J 2202/02** (2013.01)

Cited by  
EP1355787A4; EP0594110A3; US5682190A; EP0701900A4; US5724076A

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