

Title (en)
Ink jet recording apparatus.

Title (de)
Tintenstrahldrucker.

Title (fr)
Dispositif d'enregistrement par jet d'encre.

Publication
EP 0376922 A1 19900704 (EN)

Application
EP 90100880 A 19860813

Priority

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- JP 17790785 A 19850813
- JP 17790885 A 19850813
- JP 19512685 A 19850904

Abstract (en)
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.

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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)

Citation (search report)

- [X] DE 3203014 A1 19820812 - SANYO ELECTRIC CO [JP]
- [X] GB 1483571 A 19770824 - MATSUSHITA ELECTRIC IND CO LTD
- [A] EP 0061327 A2 19820929 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] DE 3001773 A1 19800807 - MATSUSHITA ELECTRIC IND CO LTD

Cited by
EP1355787A4; EP0594110A3; US5682190A; EP0701900A4; US5724076A

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