Title (en)

ELECTROSTATIC SCANNING INK JET METHOD AND APPARATUS

Publication

EP 0004737 A3 19791031

Application

EP 79300481 A 19790326

Priority

US 89479978 A 19780410

Abstract (en)

[origin: EP0004737A2] A novel, electrostatic scanning ink jet method and apparatus dynamically electrostatically scanning ink jet system is provided by applying a time varying potential to an electrode located adjacent the continuous stream portion of ink emitted by a jet at a location prior to break-up of the continuous stream portion into droplets.

IPC 1-7

B41J 3/04; G01D 15/18

IPC 8 full level

B41J 2/075 (2006.01); **B41J 2/09** (2006.01); **H04N 1/23** (2006.01)

CPC (source: EP)

B41J 2/075 (2013.01); **B41J 2/09** (2013.01); **B41J 2/14298** (2013.01)

Citation (search report)

- US 3810194 A 19740507 - DOI T, et al
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- US 3737914 A 19730605 - HERTZ C
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- IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol. IA-13, no. 1, January/February 1977, New York, ROBERT D. CARNAHAN and S.L. HOU: "Ink jet technology", pages 95 to 105. * Page 102, column 2, lines 39-54; figure 12 *

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Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0004737 A2 19791017; **EP 0004737 A3 19791031**; CA 1129932 A 19820817; GB 2042983 A 19801001; GB 2042983 B 19830209; IT 1149219 B 19861203; JP S54136833 A 19791024; NL 7915014 A 19800630; SE 444139 B 19860324; SE 8002979 L 19800421

DOCDB simple family (application)

EP 79300481 A 19790326; CA 323310 A 19790313; GB 8013854 A 19790326; IT 8628880 A 19801201; JP 4022279 A 19790403; NL 7915014 A 19790326; SE 8002979 A 19800421