

Title (en)  
Printing device and method

Title (de)  
Druckvorrichtung und Verfahren

Title (fr)  
Dispositif d'impression et méthode

Publication  
**EP 0713154 A3 19970604 (DE)**

Application  
**EP 95117917 A 19951114**

Priority  
• US 46720095 A 19950606  
• US 34213594 A 19941118

Abstract (en)  
[origin: EP0713154A2] The printing device has a printing head (14) positioned adjacent a dielectric recording surface (12a), for transfer of variable electrical charges to the latter for recording an electronic image. The printing head has a number of sets of voltage supply points, at least 2 of which are relatively spaced, with individually controlled voltages applied across the supply points, for determining the charges transferred to the dielectric recording medium.

IPC 1-7  
**G03G 15/00**; **G03G 15/32**

IPC 8 full level  
**B41J 2/415** (2006.01); **B41J 2/39** (2006.01); **G03G 15/32** (2006.01); **G03G 17/00** (2006.01)

CPC (source: EP US)  
**B41J 2/39** (2013.01 - EP US); **G03G 15/321** (2013.01 - EP US); **G03G 15/325** (2013.01 - EP US)

Citation (search report)  
• [DYA] EP 0295364 A2 19881221 - KUEHNLE MANFRED R  
• [A] US 3684075 A 19720815 - STALLER KAREL JAN, et al  
• [A] DE 3043812 A1 19810611 - RICOH KK [JP]  
• [YA] "LOW-VOLTAGE ELECTROGRAPHY USING MONOCOMPONENT DEVELOPMENT", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 33, no. 1A, 1 June 1990 (1990-06-01), pages 114/115, XP000120024  
• [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 155 (M - 589) 20 May 1987 (1987-05-20)

Designated contracting state (EPC)  
AT DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0713154 A2 19960522**; **EP 0713154 A3 19970604**; **EP 0713154 B1 20010307**; AT E199598 T1 20010315; CN 1129174 A 19960821; DE 59509075 D1 20010412; JP H08241013 A 19960917; US 5821973 A 19981013

DOCDB simple family (application)  
**EP 95117917 A 19951114**; AT 95117917 T 19951114; CN 95117540 A 19951117; DE 59509075 T 19951114; JP 29973295 A 19951117; US 46720095 A 19950606