

Title (en)

Passivation layer for ceramic based charge plates.

Title (de)

Passivierungsschicht für Ladungselektroden auf Basis von Keramik.

Title (fr)

Couche de passivation pour électrodes de charge à base de céramique.

Publication

EP 0613778 A3 19950405 (EN)

Application

EP 94301322 A 19940224

Priority

US 2454893 A 19930301

Abstract (en)

[origin: EP0613778A2] A charge plate structure for use in a continuous ink jet printer is provided with a protective layer of adhesively bonded polyimide film. The charge plate is fabricated by forming a substrate having charging electrodes along one edge and corresponding conductive leads on one surface. The surface of the charge plate is precleaned and the polyimide film is laminated thereto by means of heat and pressure. The resulting charge plate exhibits improved adhesion and protection from ink. <IMAGE>

IPC 1-7

B41J 2/085

IPC 8 full level

B41J 2/085 (2006.01)

CPC (source: EP)

B41J 2/085 (2013.01)

Citation (search report)

- [XY] EP 0153436 A2 19850904 - CONTRAVES GMBH [DE]
- [Y] EP 0132972 A2 19850213 - EASTMAN KODAK CO [US]
- [DY] US 4560991 A 19851224 - SCHUTRUM WALTER L [US]
- [Y] US 4419674 A 19831206 - BAHL SURINDER K [US], et al
- [A] EP 0201835 A2 19861120 - EASTMAN KODAK CO [US]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 15, no. 502 (E - 1147) 18 December 1991 (1991-12-18)

Cited by

CN1083334C; EP0744291A3; EP0744290A3; EP0671269A3; US5956060A; WO2005108090A1; US7404622B2; US7156488B2; US8104170B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0613778 A2 19940907; EP 0613778 A3 19950405; EP 0613778 B1 19980610; DE 69410852 D1 19980716; DE 69410852 T2 19981008

DOCDB simple family (application)

EP 94301322 A 19940224; DE 69410852 T 19940224